



MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO (Formely Departamento de Zoologia, Secretaria da Agricultura, São Paulo)

A CATALOGUE OF THE DIPTERA OF THE AMERICAS SOUTH OF THE UNITED STATES

46

FAMILY SYRPHIDAE

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Adult Syrphidae, commonly called "Flower or Hover Flies", are rather conspicuous flies. Their size ranges from 4 mm to over 25 mm and their coloration from bright yellows and oranges to dull drab blacks and grays with a few iridescent forms. Many syrphid flies are Batesian mimics of stinging Hymenoptera and are highly beneficial as pollinators. The larvae of most syrphids are of little direct importance to man. A few are pests of Narcissus bulbs (Eumerus and Merodon), others have occasionally been reported to cause intestinal myiasis in man (Eristalis), and some of the predaceous syrphines are of importance in the control of aphids and other Homoptera.

Syrphid flies are wordwide in distribution, with their greatest diversity of forms in the New World tropics. Despite this interesting diversity and the critical zoogeographic importance of the Neotropical area, the South American forms are still poorly known. The higher classification of the Neotropical Syrphidae has been recently revised in large part by Vockeroth (1969, tribes of Syrphinae, genera of Syrphini) and Thompson (1969, Microdontinae; 1972, Milesiinae), but much still needs to be done on the specific level.

The first catalog of Neotropical Syrphidae was written by Williston (1886; corrections, 1887a). Aldrich's Catalogue of North American Diptera (1905) included many Neotropical species, since his coverage included Central America. Kertész (1910) provided a World catalog but his work on the New World was largely based on Williston and Aldrich.

Some local catalogs were published (Brèthes, 1907 — Argentina; Stuardo, 1946 — Chile), but Fluke (1956-57) provided the first modern catalog to the Neotropical Syrphidae. However, as is usual with any such first attempts, there were numerous errors of both omission and commission in it. Goot (1946) reviewed Fluke's catalog, corrected some of his omissions, but still missed about a dozen species and caused additional confusion by introducting a few unnecessary names.

The present catalog is hopefully an improvement over Fluke's work but the large part of the credit for this improvement is due to his pioneering work and Goot's corrections. Besides the corrections of earlier errors, the other improvements in the present catalog stem from the use of a new higher classification of the family, as mentioned above. As a result our work, which tends to recognize distinct genera for the Neotropical species rather than to include them in worldwide genera as did earlier workers, contains many new combinations.

This catalog contains about 1,000 new combinations and synonyms. Most of these new changes have been indicated but undoubtedly some have escaped our notice. Many of the synonymies and combinations involving species of the earlier workers are based on the work of Vockeroth, who studied types of their species during trips to Europe in 1969 and 1971. Some of the other changes resulted from a short visit to the British Museum (Natural History) by Thompson and the loan of selected types by various curators to him. For all the gracious cooperation we received during our studies, we are very grateful to those curators listed below by their respective museums.

An attempt is made to list the depository of all the types of Neotropical species. These statements about type depositories start with an indication of the number of types, followed by the sex of the type or types and end with an abbreviation for the depository. The singular, type, is used when the species was described from a single specimen or a holotype or lectotype was or has been designated [in the case of lectotypes, reference to the designation is given]; the plural, types, when the species was described from a series and no lectotype has been designated; and "type(s)" when we are uncertain of the number of types incolved. The sex of the type or types is indicated by a sex symbol or query when the sex is unknown. The types are assumed to be where they were reported to be deposited either in the original publication or in other references (such as Horn & Kahle, 1935-37; Sachtleben, 1961; Byers et al., 1962; and Zimsen, 1964). In cases of doubt about the depository of a type a quesy is added after the abbreviation for depository and when the depository is unknown only a query is used. All types seen by the authors are marked with an asterisk after the depository abbreviation. In a few cases where the type is missing, lost or destroyed this information is included in parentheses after the abbreviation and with either a reference to the source of the information or initials, which indicates which one of us has noted it.

AMNH	The American Museum of Natural History, New York
	(P. Wygodzinsky*)
ANSP	Academy of Natural Sciences, Philadelphia (D. Rentz*)
BM(NH)	British Museum (Natural History), London (K.G.V. Smith*)
CAS	California Academy of Sciences, San Francisco (P. H. Ar-
	naud, Jr.*)
CM	Carnegie Museum, Pittsburg (G. Wallace*)

Canadian National Collection, Ottawa (J. R. Vockeroth) CNC Chicago National History Museum (Field Museum...), CNHM Chicago CU Cornell University, Ithaca (L. L. Pechuman*) Deutsches Entomologisches Institut, Eberswalde DEI ENA Escola Nacional de Agronomia, Rio de Janeiro Collection of F. M. Hull (now in the CNC). Hull Zoologisches Staatsinstitut und Zoologisches Museum, HZM Hamburg Instituto Miguel Lillo, Tucumán IML Instituto Oswaldo Cruz, Rio de Janeiro (H. S. Lopes) IOC Fabricius Collection of Kiel Museum, now housed at MC Kiel Linnean Society of London, Linnean Collection, now housed LSL at BM(NH) Zoölogisch Museum, Amsterdam (W. Ellis*) MA Museo Argentino de Ciencias Naturales "Bernardino Rivada-MACN via". Buenos Aires Universitetets Zoologiske Museet, Copenhagen (L. Lyneborg*) MC Museu Civico di Storia Naturale "Giacomo Doria", Genova MCSNG (D. Guiglia*) MCSNM Museo Civico di Storia Naturale, Milan (C. Leonardi*) MCZ Museum of Comparative Zoology, Cambridge (H. E. Evans*) MD Staatliches Museum für Tierkunde, Dresden MIZUN Museo dell' Istituto di Zoologia dell' Università di Napoli, Naples ML Rijksmuseum van Natuurlijke Historie, Leiden (P. J. van Helsdingen*) MNHN Muséum National d'Histoire Naturelle, Paris (L. Tsacas*) Museo Nacional de Historia Natural, Santiago (J. Moroni B.*) MNHNS MRHNB Musée Royal d'Histoire Naturelle de Belgique, Brussels Museo, Universidad Nacional de La Plata, La Plata MUNP Museum of Zoology, University of Michigan, Ann Arbor MZM Museo Zoologico dell'Università di Firenze, Florence (S. Car-MZUF Museu de Zoologia da Universidade de São Paulo (formely **MZUSP** Departamento de Zoologia, Secretaria da Agricultura) (N. Papavero*) NMB Naturhistorisches Museum, Basel (F. Keiser*) NMPP Národni Muzeum v Praze — Prírodovéddecké Muzeum, Prague (J. Jezék*) Naturhistoriska Riksmuseet, Stockholm (P. I. Persson*) NRS OhSU Ohio State University, Columbus Hope Department of Entomology, Oxford University, OXF Oxford (D. M. Ackland*) Seabra Collection of C. A. Campos Seabra, Rio de Janeiro Senckenbergisches Museum, Frankfurt (W. Tobias*) SMF Collection of F. C. Thompson Thompson Uuniversity of California, Davis UCD Centro de Estudios Entomológicos, Universidad de Chile, UCSC Santiago Instituto de Biologia, Departamento de Ciencias, Universidad UCVC de Chile, Valparaiso

UK	Snow Entomological Museum, University of Kansas, Lawrence
	(G. Byers*)
UNMB	Természettudományi Múzeum, Budapest
USNM	United States National Museum, Washington (L. Knutson, USDA, Systematic Entomology Laboratory*)
UTOR	Istituto e Museo di Zoologia di Torino, Turin
UZMH	Universitetets Zoologiska Museum, Helsinki (W. Hackman*)
VMNH	Naturhistorisches Museum, Vienna (A. Kaltenbach*, R. Li- chtenberg*)
ZMB	Institut für Spezielle Zoologie und Zoologisches Museum der Humboldt-Universität zu Berlin, Berlin
ZML	Zoological Museum, Lund (H. Andersson*)
ZSM	Zoologische Staatssammlung, Munich

Geographical distribution is compiled only from Fluke's catalog (1956-57) and material seen by us. Other published distribution records not in Fluke or verified by us are not included and where we question the distribution records in Fluke, we have tried to indicate the source of the record. We have attempted to list the states or provinces of the various contries when specific locality data was available except only when the northern and southernmost Chilean province is given.

The arrangement of genera in the various subfamilies and tribes is shown, with an indication of the number of species, and a summary of the total number of species included in the major divisions of the

family.

SYI	RPHINAE	(682)
	Syrphini	(445)
	Syrphus Metasyrphus Eupeodes Scaeva Notosyrphus Dasysyrphus Dideomima Megasyrphus Pseudodoros Ocyptamus Salpingogaster Salpingogaster Eosalpingogaster Allograpta Sphaerophoria	7 1 1 3 1 1 1 1 297 34 (32) (2) 74 3
	Unrecognized	20
	Chrysotoxini	(2)
	Chrysotoxum	2
	Paragini	(1)
	Paragus	1
	Melanostomatini	(91)

Carposcalis	15 5
Melanostoma	31
Rhysops	12
Xanthandrus	1
Talaha	4
Tuberculanostoma	18
Leucopodella	10
Unrecognized	5
Tanamanini	(143)
Toxomerini	
Toxomerus	143
MICRODONTINAE	(175)
Paragodon	2
Paramicrodon	2
Argentinomyia	8
Argentinomyia	(7)
Eurypterosyrphus	(1)
Mixogaster	17
Microdon	145
Ceratophya	(4)
Rhopalosyrphus	(2)
Rhoga	(5)
Ceriomicrodon	(1)
Masarygus	(5)
Ubristes	(25)
Microdon	(103)
Nothomicrodon	1
MILESIINAE	(774)
	(48)
Pipizini	(17)
	6
Pipiza	
Trichopsomyia	11
Cheilosiini	(8)
Cheilosia	5
Cheilosia	(3)
	(2)
Cartosyrphus	2
Rhingia	1
Chamaesyrphus	1
Volucellini	(318)
, orucciania	
Ornidia	3
Tachinosyrphus	1
	314
Copestylum	011
Callicerini	(2)
Cameerin	

Callicera Notiocheilosia	1 1
Sericomyiini	(1)
Arctophila	1
Chrysogasterini	(43)
Lepidomyia Myolepta Myolepta Protolepidostola Chromocheilosia Orthonevra Cacoceria Chamaesphegina	14 12 (6) (6) 3 10 2
Eumerini	(15)
Eumerus Alipumilio Nausigaster	. 1 4 10
Cerioidini	(48)
Sphiximorpha Monoceromyia Polybiomyia	24 7 15
Unplaced	2
Eristalini	(222)
Helophilus Polydontomyia Asemosyrphus Dolichogyna Dolichogyna	2 1 3 11 (4) (7)
Nosodepus Quichuana Mallota Habromyia Eristalis	25 13 12 9
Eristalis Eoseristalis Lycastrirhyncha	(1) (8) 5
Palpada Meromacrus	 102 39
Milesiini	(100)
Xylota Neplas Ceriogaster	9 27 11

	Macrometopia	1
	Sterphus	11
	Sterphus	(2)
	Crepidomyia	(9)
	Odyneromyia	2
	Valdiviomyia	6
		1
	Aneriophora	1
	Flukea	
	Criorhina	3
	Philippimyia	1
	Blera	1
	Syritta	2
	Senogaster	1
	Tropidea	6
	Milesia	5
	Spilomyia	6
	Stilbosoma	2
	Hemixylota	3
	unplaced species	1
U	Inrecognized syrphids	6
	yearster from the second	1,637
		_,

The initial manscript and literature survey for this catalog was completed by 15 May 1972, although some later references have been included in part. The last Zoological Record checked was 1968.

New names proposed in this catalog

Valdiviomyia Vockeroth Ocyptamus isthmus Thompson Ocyptamus octomaculatus Thompson Ocyptamus willistoni Thompson Allograpta rhina Thompson Toxomerus hulli Sedman Microdon anax Thompson Copestylum colombiense Thompson Copestylum dichopticum Thompson Copestylum neosplendens Thompson Copestylum neotropicum Thompson Copestylum rufitarse Thompson Copestylum shannoni Thompson Copestylum trituberculatum Thompson Copestylm vittatum Thompson Quichuana nigricans Thompson Palpada geniculosa Thompson Palpada rufipedes Thompson Ceriogaster hinei Thompson

Subfamily SYRPHINAE

Tribe SYRPHINI

Ref. - Vockeroth, 1969 (generic rev.).

Genus Syrphus Fabricius

- SYRPHUS Fabricius, 1775:762. Type-species, *Musca ribesii* Linnaeus (see Wirth et al. 1965:558) to preserve established usage. Ref. Fluke, 1942 (rev.).
- - gayi Macquart, 1842:150 (90), pl. 13, fig. 8 (head). Type-locality: "Chile". Type \mathcal{P} MNHN*.
 - testaceicornis Macquart, 1850:457 (153), pl. 14, fig. 12 (head). Typelocality: "Chile". Type ♀ MNHN* N. SYN.
 - patagonus Lynch Arribálzaga, 1892a:115 (1892c:73). Type-locality: Argentina, Patagonia, Río Gallegos. Type(s) ? MACN.
- PALLIPES Bigot, 1884b:93. Type-locality: "Chile". Distr. Chile, Argentina. Types & OXF*.
 - flavipes Shannon & Aubertin, 1933:127, fig. 22a (abdomen), 22b (abdomen) (Scaeva). Type-locality: "Chile". Types & OXF* N. SYN.
- PHAEOSTIGMA Wiedemann, 1830:130. Type-locality: "Brazil". Distr. (Santa Catarina, Rio de Janeiro), Argentina (Tucumán). Types of VMNH* Ref. Fluke, 1942:2 (redescription), fig. 3 (abdomen); Fluke, 1950a:117, fig. 15 (male genitalia).
- POECILOGASTER Philippi, 1865:746. Type-locality: Chile, Valparaíso. Distr. Chile (Malleco-Magallanes). Type(s) ? MNHNS.
- REEDI Shannon, 1927a:27. Type-locality: Chile, Valparaiso. Distr. Chile, Brazil, Argentina. Type & USNM*.
 - similis Blanchard, 1852:410 (preocc. Fallén, 1817). Type-locality: Chile, Santa Rosa. Type 9 MNHM*.
 - pseudoribesii Vimmer & Soukup, 1938:30. Type-locality: Peru, Puno. Type & NMPP* N. SYN.
- SHORAE Fluke, 1950b:440 (nom. nov. for *willistoni* Fluke). Distr. Mexico, Guatemala, Honduras, Costa Rica, Panama, Colombia, Ecuador, Chile, Argentina. Refs. Fluke 1942:22, fig. 2 (abdomen); Fluke, 1950a:117, fig. 14 (male genitalia).
 - bisinuatus Williston, 1891:17 (preocc. Palma, 1863). Type-locality: Mexico, Guerrero, Omiltemi, 8,000 ft.; Costa Rica, Volcan de Irazu, 6,000-7,000 ft., Río Sucio. Types ♀ BM(NH)* & AMNH*.
 - willistoni Fluke, 1942:3 (nom. nov. for bisinuatus Williston; but preocc. Cockerell, 1909).
- VITRIPENNIS Meigen, 1822:308. Type-locality: "Europe". Distr. Holarctic; ?Mexico, Mexico City (Fluke, 1942:3). Type(s) ? MNHN Ref. Fluke, 1950a:117, fig. 11 (male genitalia).
 - ribesii Linnaeus of Williston, 1891:17 and Giglio-Tos, 1893:27.

Genus Metasyrphus Matsumura

METASYRPHUS Matsumura, in Matsumura & Adachi, 1917:147. Type-species, Syrphus corollae Fabricius (orig. des.).

Posthosyrphus Enderlein, 1938:204. Type-species, Syrphus americanus Wiedemann (orig. des.). Ref. — Fluke, 1952 (rev.).

AMERICANUS (Wiedemann), 1830:129 (Syrphus). Type-locality: "North America". Distr. — North America; Middle America, Colombia. Type 9 VMNH (not found-JRV). Ref. — Fluke, 1950a:132, figs. 184-186 (male genitalia).

wiedemanni Johnson, 1919:32 (Syrphus; unjunstified nom. nov. for

americanus Wiedemann).

var. FLAVIPES (Enderlein), 1938:205 (Posthosyrphus). Type-locality: Colombia, Bogotá. Type ? ZMB.

Genus Eupeodes Osten Sacken

EUPEODES Osten Sacken, 1877:328. Type-species, volucris Osten Sacken

Posthonia Enderlein, 1938:203. Type-species, longipenis Enderlein (orig.

des.).

VOLUCRIS Osten Sacken, 1877:329. Type-locality: U.S.A., California, Los Angeles, Marin County, Yosemite; Nevada; Utah; Colorado, Denver, Clear Creek, Spanish Peaks. Distr. — North America; Mexico (south to Chiapas), Colombia?. Types $\ensuremath{\circ}$ $\ensuremath{\circ}$ $\ensuremath{\circ}$ MCZ* Ref. — Vockeroth, 1969:150, fig. 34 (male genitalia).

?longipenis Enderlein, 1938:203 (Posthonia). Type-locality: Colombia,

Bogotá. Types ♂ ♀ ZMB.

Genus Scaeva Fabricius

SCAEVA Fabricius, 1805:248. Type-species, Musca pyrastri Linnaeus (Curtis, 1834; pl. 509). Ref. — Shannon & Aubertin, 1933 (key).

MELANOSTOMA (Macquart), 1842:147 (87) (Syrphus). Type-locality: "Chile". Distr. — Ecuador (Azuay), Peru (Puno), Chile (south to Magallanes), Argentina (Tucumán, Santa Cruz). Type ? MNHN*. Ref. — Shannon, 1927:28 (redescription); Shannon & Aubertin, 1933:130, fig. 23b (abdomen).

latafascies Macquart, 1850:456 (152) (Syrphus). Type-locality: "Chi-

le". Types ♂ ♀ MNHN*.

latifacies, Fluke, 1956:213, misspelled.

sexguttata Wulp, 1882:135 (Syrphus). Type-locality: "Argentina". Type ♂ ♀ ML?

simillima Vimmer & Soukup, 1938:32 (Syrphus). Type-locality: Peru,

Puno. Type ? NMPP* N. SYN.

pyrastri Linnaeus of Lynch Arribálzaga, 1892:121 (1892c:78), misident. OCCIDENTALIS Shannon, 1927a:29. Type-locality: Chile, Santiago. Distr. — Chile (Santiago-Aysén), Argentina (Tucumán, La Rioja, Mendoza, Neuquén, Río Negro). Type ? USNM* Ref. — Vockeroth, 1969: 150, fig. 36 (male genitalia).

sexmaculata Macquart, 1850:457 (153) (Syrphus; preocc. Palisot de Beauvois, 1819). Type-locality: Chile. Type & MNHN* N. SYN. chilensis Goot, 1964:214 (Syrphus; unjustified nom. nov. for sexma-

culata Macquart). N. SYN.

PUNCTATA Shannon & Aubertin, 1933:128, fig. 23a (abdomen). Type-locality:
Argentina, Bariloche. Distr. — Argentina (Tucumán, Neuquén).
Type & USNM*.

Genus Notosyrphus Vockroth

NOTOSYRPHUS Vockeroth, 1969:72. Type-species, Metasyrphus golbachi Fluke (orig. des.).

GOLBACHI (Fluke), 1950b:447, fig. 9 (abdomen), 10 (head) & 11 (male genitalia) [Metasyrphus (Posthosyrphus)]. Type-locality: Argentina, Tucumán, Villa Padre Monti. Distr. — Brazil (São Paulo, Santa Catarina, Paraná), Argentina (Tucumán, La Rioja). Type & IML. Ref. — Vockeroth, 1969:151, fig. 38 (male genitalia).

Genus Dasysyrphus Enderlein

DASYSYRPHUS Enderlein, 1938:208. Type-species, Scaeva albostriata Fallen (orig. des.).

LOTUS (Williston), 1887:75 (Syrphus). Type-locality: U.S.A., Arizona. Distr. — Western U.S.A.; Mexico (Mexico City), Ecuador? (Fluke, 1942:3). Type ? USNM.

Genus Dideomima Vockeroth

DIDEOMIMA Vockeroth, 1969:107. Type-species, Didea coquilletti Williston (orig. des.).

COQUILLETTI (Williston), 1891:19, pl. 1:9 (habitus), 9a (head) (Didea).

Type-locality: Mexico, Guerrero, Omiltemi, 8,000 ft. Distr. —
Mexico (Durango, Jalisco, Guerrero, Chiapas). Types & 9 BM
(NH)* & AMNH*. Refs. — Hull, 1925c:280, fig. 2 (abdomen), 6
(wing); Vockeroth, 1969:147, fig. 20 (wing tip), 161, fig. 67
(male genitalia).

Genus Megasyrphus Dusek & Láska

MEGASYRPHUS Dusek & Láska, 1967:363. Type-species, Scaeva annulipes Zetterstedt (orig. des.).

LAXUS (Osten Sacken), 1875:66 (Didea). Type-locality: U.S.A., Michigan, Lake Superior; Maine, Norway; New Hampshire, Mt. Washington, Alpine region. Distr. — Alaska to Newfoundland, south to U.S.A. (California & North Carolina), Mexico. Types & & MCZ*. Ref. — Fluke, 1950a:126, figs. 111, 112 (male genitalia).

Genus Pseudodoros Becker

FSEUDODOROS Becker, 1903:92. Type-species, nigricollis Becker (mon.). Baccha, subg. Dioprosopa Hull, 1949e:99 (also, 1949d:296). Type-species, Syrphus clavatus Fabricius (mon.) N. SYN.

CLAVATUS (Fabricius), 1794:298 (Syrphus). Type-locality: "Americae meridionalis Insulis". Distr. — U.S.A. (California to Wisconsin and

New Jersey) south to Brazil. Types of \S MC*. Ref. — Hull, 1949e:192, fig. 7 (abdomen); Hull, 1949d:288, fig. 9a (head). N. COMB.

scutellaris Walker, 1837:342 (Paragus?). Type-locality: "Brazil, St. Paul". Type ? BM(NH).

varia Walker, 1849:548 (Baccha). Type-locality: ? Types ? BM (NH).

facialis Thomson, 1869:504 (Baccha). Type-locality: Galápagos Islands. Types $\, {\bf \mbox{$\,$}}\, {\bf \mbox$

scutellata Williston, 1886:322 (?Mixogaster), misspelling.

Genus Ocyptamus Macquart

осуртамиз Macquart, 1834:554. Туре-species, fascipennis Macquart (Соquillett, 1910a:577) = fuscipennis Say.

Baccha, authors.

Calostigma Shannon, 1927a:8. Type-species, elnora Shannon (orig. des.) N. SYN.

Callostigma, Curran, 1930f:8, 1930e:15, 1941:257, misspelled.

Callistigma, Hull, 1944j:41, misspelled.

Baccha, subg. Pelecinobaccha Shannon, 1927a:10. Type-species, peruviana Shannon (orig. des.). N. SYN.

Pipunculosyrphus Hull, 1937:29. Type-species, globiceps Hull (orig. des.). N. SYN.

Baccha, subg. Styxia Hull, 1943j:46. Type-species, eblis Hull (orig. des.).
N. SYN.

Baccha, subg. Mimocalla Hull, 1943j:46. Type-species, Baccha capitata Loew (orig. des.). N. SYN.

Buccha, subg. Therantha Hull, 1943j:47. Type-species, Baccha atypica Curran (orig. des.). N. SYN.

Callisyrphus Frey, 1946:154. Type-species, Syrphus rubricosus Wiedemann (orig. des.) (1st reviser, Fluke, 1956:199). N. SYN.

Calliscaeva Frey, 1946:171. Incorrect original spelling.

Grphnabaccha Hull, 1949e:93. Type-species, Baccha coerulea Williston (orig. des.). N. SYN.

Baccha, subg. Atylobaccha Hull, 1949e:94. Type-species, Baccha flukiella Curran (orig. des.). N. SYN.

Baccha, subg. Aulacibaccha Hull, 1949e:96. Type-species, Baccha titan Hull (orig. des.). = arx Fluke. N. SYN.

Mercurymyia Fluke, 1950a:140. Type-species, Syrphus caldus Walker (orig. des.). N. SYN.

Hermesomyia Vockeroth, 1969:121. Type-species, bacchiformis Vockeroth (orig. des.) = phobifer Hull. N. SYN.

Pseudoscaeva Vockeroth, 1969:123. Type-species, Syrphus diversifasciatus Knab (orig. des.). N. SYN.

Ref. — Curran, 1941 (key); Hull, 1949e (rev., key).

ABATA (Curran), 1938:1 (Baccha). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (São Paulo, Santa Catarina).

Type \(\partial \) AMNH (missing)* Ref. — Hull, 1949e:222, fig. 143 (abdomen); 254, fig. 282 (wing). N. COMB.

- ADA (Curran), 1941:278 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*. Ref. Hull, 1949e:135 (redescription), 194, fig. 20 (abdomen); 216, fig. 116 (abdomen). N. COMB.
- ADSPERSUS (Fabricius); 1805:200 (Baccha). Type-locality: "America meridionali". Distr. Mexico (Chiapas), Colombia, Guyana, Panama, Ecuador, Peru, Brazil, Bolivia. Type & MC*. Ref. Hull, 1943j:65, fig. 2 (alula); 1949e:138 (redescription), 198; fig. 33 (abdomen). N. COMB.
 - punctata Shannon, 1927a:11 (Baccha). Type-locality Bolivia, Beni, San Antonio. Type & USNM*.
- AENEUS (Williston), 1891:37, pl. 1:10 (habitus), 10a (head) (Baccha).
 Type-locality: Mexico, Guerrero, Sierra de las Aguas Escondidas,
 9500 ft. Distr. same. Types & BM(NH). N. COMB.
- AEOLUS (Hull), 1943j:69, fig. 40 (abdomen) (Baccha). Type-locality: Ecuador, Machai, Rio Pastaza. Distr. same. Type ? AMNH*. Ref. Hull, 1949e:198, fig. 40 (abdomen). N. COMB.
- AEQUILINEATUS (Hull), 1945b:71 (*Epistrophe*). Type-locality: Cuba, Pico Turquino, 6000 ft., Summit. Distr. same. Type 9 MCZ*. N. COMB.
- AGILIS (Bigot), 1884b:92 (Syrphus). Type-locality "Mexico". Distr. same. Type \circ OXF? N. COMB.
- ALICIA (Curran), 1941:278 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (São Paulo, Santa Catarina). Type 9 AMNH*. Ref. Hull, 1949e:140 (redescription), 214, fig. 112 (abdomen). N. COMB.
- AMABILIS (Hull), 1943k:39 (Baccha). Type-locality Peru, Loreto, Iquitos. Distr. same. Type & USNM. Ref. Hull, 1949e:192, fig. 4 (abdomen); 276, fig. 367 (wing). N. COMB.
- AMPLUS (Fluke), 1942;6, fig. 7 (abdomen) (*Epistrophe*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (São Paulo, Santa Catarina), Paraguay, Argentina (Tucumán). Type & AMNH*. Ref. Fluke, 1950a:125, fig. 98 (male genitalia); Vockeroth, 1969:164, fig. 76 (male genitalia). N. COMB.
- ANERA (Curran), 1939d:5 (Baccha). Type-locality: Brazil, Rondônia, Rio Madeira, Porto Velho. Distr. same. Type & AMNH*. Ref. Hull, 1949e:246, fig. 257 (abdomen); 266, fig. 332 (wing). N. COMB.
- ANNULATUS (Curran), 1941:258 (Callostigma). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (Santa Catarina), Argentina (Tucumán). Type & AMNH*. Ref. Hull, 1949e:230, fig. 184 (abdomen); 260, fig. 310 (wing). N. COMB.
- ANONA (Hull), 1943j:91, fig. 2 (alula), 8 (abdomen) (Baccha). Typelocality: Ecuador, Oriente, Puyo. Distr. same. Type Q AMNH*. Ref. Hull, 1949e:192, fig. 8 (abdomen). N. COMB.
- ANTHINONE (Hull), 1949e:179 (Baccha). Type-locality: Peru, Pucallpa. Distr. same. Type & Hull. N. COMB.
- ANTHIPHATES (Walker), 1849:589 (Syrphus). Type-locality: "Jamaica". Distr. same. Type & BM(NH). N. COMB.
- AKABELLA (Hull), 1947a:400 (Baccha). Type-locality: Costa Rica, La Suiza. Distr. same. Type \(\text{USNM. Ref.} \)— Hull, 1949e:222, fig. 144 (abdomen); 266, fig. 335 (wing). N. COMB.

- ARETHUSA (Hull), 1949e:181 (Baccha). Type-locality: Peru, Pucallpa. Distr. same. Type \circ Hull. N. COMB.
- ARGENTINUS (Curran), 1939d:6 (Baccha). Type-locality: "Argentina". Distr.

 Brazil (São Paulo, Santa Catarina), Argentina. Type & AMNH*. Ref. Hull, 1949e:248, fig. 265 (abdomen); 266, fig. 328 (wing). N. COMB.
- ARIELA (Hull), 1944i:398 (Baccha). Type-locality: "Brazil". Distr. same. Type 9 VMNH. Ref. Hull, 1949e:142 (redescription), 200, fig. 49 (abdomen); 270, fig. 349 (wing). N. COMB.
- ARX (Fluke), 1936:60, fig. 2 (abdomen), 3 (wing) (Baccha). Type-locality:
 Brazil, "Cois Parma Cos". Distr. Brazil (Rio de Janeiro,
 Santa Catarina). Type of AMNH*. Ref. Hull, 1949e:248, figs.
 259-261 (abdomens); 274, fig. 361 (wing). N. COMB.
 - titan Hull, 1947a:395 (Baccha). Type-locality: Brazil, Santa Catarina. Nova Teutônia. Type & AMNH*. N. SYN.
- ASTER (Curran), 1941;278 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*. Ref. Hull, 1949e:200, fig. 41 (abdomen); 232, fig. 187 (abdomen); 238, fig. 216 (abdomen). N. COMB.
- ATTENUATUS (Williston), 1891:35 (Baccha). Type-locality: Mexico, Guerrero, Amula, 6000 ft.; Omiltemi, 8000 ft. Distr. same. Types & PM(NH)*. Ref. Hull, 1949e:252, fig. 277 (abdomen). N. COMB.
- ATYPICUS (Curran), 1930a:10 (Baccha). Type-locality: Brazil, Mato Grosso, Chapada. Distr. Mexico, Surinam, Guyana, Brazil. Type \$\frac{9}{AMNH*}\$. Ref. Hull, 1949e:204, fig. 68 (abdomen); Doesburg, 1966:69, fig. 58 (habitus). N. COMB.
- AURORA (Hull), 1943:73 (Baccha). Type-locality: Paraguay, Villarica. Distr. same. Type ? AMNH*. Ref. Hull, 1949e:208, fig. 79 (abdomen). N. COMB.
- BANKSI (Hull), 1941g:150 (Baccha). Type-locality: Panama, Bella Vista.

 Distr. same. Type & MCZ. Ref. Hull, 1949e:252, fig. 280 (abdomen). N. COMB.
- PASSLERI (Curran), 1939d:8 (Baccha). Type-locality: Peru, Middle Río-Ucayali. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:238, fig. 219 (abdomen); 256, fig. 297 (wing). N. COMB.
- BEATRICEA (Hull), 1942c:73 (*Baccha*). Type-locality: Brazil, São Paulo (Hull, 1949e:144). Distr. Brazil (São Paulo, Santa Catarina). Type ? Hull. Ref. Hull, 1949e:144 (redescription), 202, fig. 53 (abdomen ?); 220, fig. 137 (abdomen d); 272, fig. 354 (wing d); 284, fig. 391 (wing ?). N. COMB.
- BIVITTATUS (Curran), 1941:276 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*. Ref. Hull, 1949e:200, fig. 48 (abdomen); 278, fig. 372 (wing). N. COMB.
- BONARIENSIS (Brèthes), 1905:340 (Baccha). Type-locality: Argentina, Buenos Aires. Distr. same. Type & MACN. N. COMB.
- BRAZILIENSIS (Curran), 1939d:9 (Baccha). Type-locality: Brazil, Mato Grosso, Poxoréu, Coronel Ponce. Distr. same. Type \$\foatin \text{AMNH*}.\ Ref. Hull, 1949e:212, fig. 101 (abdomen); 282, fig. 387 (wing). N. COMB.
- RREVIPENNIS (Schiner), 1868:341 (Baccha). Type-locality: "South America". Distr. Peru. Types & \$\varphi\$ VMNH*. Ref. Hull, 1949e: 204, fig. 64 (abdomen); 268, fig. 343 (wing). N. COMB.

- BROMLEYI (Curran), 1929:490 (Baccha). Type-locality: Cuba, Santiago, Las Vegas. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:218, fig. 123 (abdomen); 274, fig. 362 (wing). N. COMB.
- BRUNNIPENNIS (Hull), 1942c:73 (Baccha). Type-locality: Brazil, São Paulo. Distr. — same. Type & Hull. Ref. — Hull, 1949e:206, fig. 76 (abdomen). N. COMB.
- CALDUS (Walker), 1852:232 (Syrphus). Type-locality: "Brazil". Distr. Brazil (São Paulo, Santa Catarina), Paraguay, Argentina (Tucumán). Type & BM(NH)*. Ref. Vockeroth, 1969:163, fig. 75 (male genitalia). N. COMB.
 - biarcuatus Fluke, 1937:4, fig. 6 (abdomen) (Epistrophe). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type & AMNH*.
- CALLA (Curran), 1941:268 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (Santa Catarina), Argentina (Tucumán). Type & AMNH*. N. COMB.
- CALLIDUS (Hine), 1914:335 (Baccha). Type-locality: Guatemala, Puerto Barrios. Distr. same. Type & OhSU. Ref. Hull, 1949e:250, fig. 270 (abdomen). N. COMB.
- CAPITATUS (Loew), 1863:14 (1864b:116) (*Baccha*). Type-locality: "Cuba". Distr. same. Type & MCZ. Ref. Hull, 1949e:196, fig. 22 (abdomen); 238, fig. 223 (abdomen); 240, fig. 227 (abdomen); 266, fig. 330 (wing). N. COMB.
- CARLOTA (Curran), 1929:491 (Baccha). Type-locality: Cuba, Trinidad Mts., Mina Carlota. Distr. same. Type ? AMNH*. Ref. Hull, 1949e:238, fig. 224 (abdomen); 268, fig. 340 (wing). N. COMB.
- CECROPS (Hull), 1958:429 (Baccha). Type-locality: Peru, Chanchamayo. Distr. same. Type $\,^\circ$ Hull. N. COMB.
- celia (Hull), 1949e:214, fig. 108 (abdomen) (Baccha). Type-locality: ?
 Distr. ? Type(s) ? Nomen nudum.
- CEREBERUS (Hull), 1943j:66 (Baccha). Type-locality: Ecuador, Chicocha. Distr. same. Type 9 AMNH*. Ref. Hull, 1949e:234, fig. 203 (abdomen). N. COMB.
- CHAPADENSIS (Curran), 1930a:14 (Baccha). Type-locality: Brazil, Matc Grosso, Chapada. Distr. — same. Type ? AMNH*. Ref. — Hull, 1949e:240, fig. 226 (abdomen); 256, fig. 290 (wing). N. COMB.
- CLARAPEX (Wiedemann), 1830:124 (Syrphus). Type-locality: "Brazil". Distr. Brazil (Mato Grosso, Santa Catarina), Argentina (Misiones, Tucumán, Salta). Type ? VMNH*. Ref. Hull, 1949e: 194, fig. 14 (abdomen. N. COMB.
- COBBOLDIA (Hull), 1958:431 (Baccha). Type-locality: Peru, Chanchamayo. Distr. same. Type $\,^{\circ}$ Hull. N. COMB.
- COCHENILLIVORUS (Guérin-Méneville), 1848a:lxxxi (1848b:350) (Baccha). Type-locality: "l'Antigua Guatemala". Distr. same. Type ? MNHN*. N. COMB.
- COERULEUS (Williston), 1891:38 (Baccha). Type-locality: Mexico, Guerrero; Omiltemi, 8000 ft.; Amula, 6000 ft.; Xucumanatlán, 7000 ft.; Sierra de las Aguas Escondidas, 9500 ft. Distr. U.S.A. (Texas), Mexico (Durango, Sinaloa, Morelos, Guerrero, Chiapas). Types & PM(NH)*. Ref. Hull, 1949e:224, fig. 159 (abdomen), 272, fig. 355 (wing); Vockeroth, 1969:163, fig. 74 (male genitalia). N. COMB.
- COLOMBIANUS (Curran), 1941:282 (Baccha). Type-locality: Colombia, Magdalena, Río Frio, Cerro Patrón. Distr. same. Type & AMNH*.

Ref. — Hull, 1949e:214, fig. 109 (abdomen); 270, fig. 346 (wing). N. COMB.

CONCINNUS (Williston), 1891:38 (Baccha). Type-locality: Mexico, Chilpancingo, 4600 ft.; Guerrero, Venta de Zopilote, 2800 ft; Tabasco, Teapa. Distr. — same. Types ♂ ♀ BM(NH). N. COMB.

CONFORMIS Loew, 1866b:38 (1872b:98). Type-locality: "Cuba". Distr. same. Type ? MCZ.

CONFUSUS (Goot), 1964:213 (Baccha; nom. nov. for Baccha valdiviana Philippi). Distr. — Chile. N. COMB.

valdiviana Philippi, 1865:750 (Baccha; preocc. Philippi, 1865:748).

Type-locality: Chile, Corral. Type ? MNHNS.

Type-locality: "South CONJUNCTUS (Wiedemann), 1830:116 (Syrphus). America". Distr. — Brazil. Type & MC*. N. COMB.

CORA (Curran), 1941:281 (Baccha). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e: 144 (redescription); 194, fig. 16 (abdomen); 278, fig. 374 (wing); 284, fig. 390 (wing). N. COMB.

CCRDELIA (Hull), 1949e:186 (Baccha). Type-locality: Peru, Pucalipa.

Distr. — same. Type 9 Hull. N. COMB.

COREOPSIS (Hull), 1944j:41 (Callistigma). Type-locality: Peru, Putumayo Distr., El Encanto. Distr. — same. Type & CU. Ref. — Hull,

1949e:206, fig. 75 (abdomen). N. COMB.

COSTATUS (Say), 1829:161 (Baccha). Type-locality: U.S.A., Indiana. Distr. — Canada (Ontario), to U.S.A. (New Hampshire, south to Lousiana); Cuba. Type \circ lost. Ref. — Hull, 1949e:147 (redescription); 224, fig. 152 (abdomen 9); 228, fig. 169 (abdomen 3); 280, fig. 376 (wing). N. COMB.

?crassus (Walker), 1852;222 (Baccha). Type-locality: Brazil. Distr. —

same. Type & BM(NH). N. COMB.

CROCATUS (Austen), 1893:155, pl. 5:5 (habitus) (Baccha). Type-locality: Brazil, Region of Amazon. Distr. — Mexico, Panama, Brazil. Type & BM(NH). Ref. — Hull, 1949e:198, fig. 35 (abdomen); 202, fig. 57 (abdomen). N. COMB.

CROCEUS (Austen), 1893:157, pl. 5:6 (habitus) (Baccha). Type-locality: Brazil, Region of Amazon. Distr. — Panama, Brazil. Types of BM(NH). Ref. — Hull, 1949e:200, fig. 47 (abdomen 3); 210, fig. 88 (abdomen 9) N. COMB.

CRYPTICUS (Hull), 1942a:97 (Baccha). Type-locality: Paraguay, Villarica. Distr. — same. Type & MCZ*. Ref. — Hull, 1949e:149 (redes-

cription); 216, fig. 121 (abdomen). N. COMB.

CUBANUS (Hull), 1949j:62, fig. 25 (abdomen) (also, 1944c:30) (Baccha). Type-locality: Cuba, Soledad. Distr. — U.S.A. (Georgia), south to Cuba. Type 9 MCZ. Ref. — Hull, 1949e:196, fig. 25 (abdomen). N. COMB.

CUBENSIS (Macquart), 1850:465 (161) (Baccha). Type-locality: "Cuba".

Distr. - same. Type 9 MNHN*.

CULTRATUS (Austen), 1893:151, pl. 5:8-9 (habitus) (Baccha). Type-locality: Brazil, Pará, Santarém. Distr. — Guatemala, Guyana, Brazil. Types 9 BM(NH). Ref. — Hull, 1949e:210, fig. 91 (abdomen). N. COMB.

var. INCISUS (Hull), 1949e:128 (Baccha). Type-locality: ?? Distr. — ??

Type(s) ? ?

var. PICTULUS (Hull), 1949c:737 (Baccha) [also 1949e:242, fig. 235 (abdomen)]. Type-locality: Guyana, Essequibo River, Moraballi Creek, Wallaba Forest. Distr. — same. Type & BM(NH).

- CULTRINUS (Curran), 1939d:7 (Baccha). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. same. Type & AMNH*. Ref. Hull, 1949e:210, fig. 92 (abdomen); 242, figs 236 & 241 (abdomen). N. COMB
 - currani Hull, 1941b:167 (Baccha). Type-locality: Panama, Canal Zone, Barro Colorado Island. Type & Hull.
- CYBELE (Hull), 1947b:236 (Baccha). Type-locality: Paraguay, Villarica. Distr. same. Type & USNM. Ref. Hull, 1949e:150 (redescription), 216, fig. 117 (abdomen). N. COMB.
- CYCLOPS (Hull), 1947a:406 (Baccha). Type-locality: Colombia, Muzo.

 Distr. same. Type & Hull. Ref. Hull, 1949e:234, fig. 196 (abdomen). N. COMB.
- CYLINDRICUS (Fabricius), 1781:429 (Syrphus). Type-locality: "Americae meridionalis insulis". Distr. Jamaica, Haiti, Puerto Rico, Virgin Islands. Type? Kiel* (only wings). Ref. Hull, 1949e:218, fig. 130 (abdomen); 252, fig. 279 (abdomen); 280, fig. 380 (wing). N. COMB.
- CYMBELLINA (Hull), 1944g:63 (Baccha). Type-locality: Ecuador, Santo Domingo. Distr. same. Type & AMNH*. Ref. Hull, 1949e: 218, fig. 128 (abdomen). N. COMB.
- DANAIDA (Hull), 19431:74 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*. Ref. Hull, 1949e:218, fig. 122 (abdomen). N. COMB.
- DEBASA (Curran), 1941:272 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (São Paulo, Santa Catarina). Type \(\partial \) AMNH*. Ref. Hull, 1949e:218, fig. 129 (abdomen), 280, fig. 378 (wing). N. COMB.
- DECEPTOR (Curran), 1930a:14 (Baccha). Type-locality: Virgin Islands, St. Croix Islands. Distr. Puerto Rico; Virgin Islands. Type & AMNH*. Ref. Hull, 1949e:234, fig. 197 (abdomen), 254, fig. 287 (wing). N. COMB.
- DECIPIENS (Williston), 1891:18 (Syrphus). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft. Distr. Mexico (Durango, Guerrero, Chiapas), Brazil. Types & BM(NH)* & AMNH*. Ref. Fluke, 1942:22, fig. 11 (abdomen); Vockeroth, 1969:164, fig. 77 (superior lobe). N. COMB.
- DELICATISSIMUS (Hull), 1943m;214 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (São Paulo, Santa Catarina). Type & AMNH*. Ref. Hull, 1949e:202, fig. 52 (abdomen); 252, fig. 278 (abdomen). N. COMB.
- DIANA (Hull), 1947a:408 (Baccha). Type-locality: Guyana, Georgetown.

 Distr. same. Type & Hull. Ref. Hull, 1949e:234, fig. 204
 (abdomen). N. COMB.
- DIFFUSUS (Curran), 1939d:4 (Baccha). Type-locality: Brazil, São Paulo.

 Distr. same. Type 9 AMNH*. Ref. Hull, 1949e:242, fig. 238 (abdomen); 256, fig. 295 (wing). N. COMB.
- DIMIDIATUS (Fabricius), 1781:434 (Syrphus). Type-locality "Americae meridionalis insulis". Distr. Mexico south to Brazil; Dominican Republic, Puerto Rico, Lesser Antilles. Type ? ? Ref. Hull, 1949e:240, fig. 232 (abdomen). N. COMB.
 - divisa Walker, 1857:156 (Pipiza). Type-locality: Mexico, Vera Cruz. Type ♀ BM(NH).
 - dolosa Walker, 1857:156 (*Pipiza*). Type-locality: Brazil?, "Valley of Amazon". Type & BM(NH).

var. Rufifacies (Doesburg), 1966:71 (Baccha). Type-locality: Surinam, Paramaribo. Distr. — same. Type & Doesburg.

DISJUNCTUS (Sack), 1921:132, fig. 3 (head), fig. 4 (mesonotum), fig. 5 (larva), fig. 6 (puparium) (Doros). Type-locality: Paraguay, St. Trinidad. Distr. — same. Types & PDEI. N. COMB.

- DIVERSIFACIATUS (Knab), 1914:151 (Syrphus). Type-locality: U.S.A., California, Walnut Creek. Distr. Canada (British Columbia) to U.S.A. (Utah, south to California, Arizona); Mexico. Type of USNM*. Ref. Vockeroth, 1969:164, fig. 83 (male genitalia). N. COMB.
 - var. MERIDIONALIS (Fluke), 1950b:446, fig. 7-8 (male genitalia) [Stenosyrphus (Episyrphus)]. Type-locality: Argentina, Tucumán, Villa Padre Monti. Distr. Argentina (Tucumán, Salta). Type d IML.
- DIVERSUS (Williston), 1891:16, pl. 1:6 (habitus), 6a (head) (Syrphus). Type-locality: Mexico, Guerrero; Omiltemi, 8000 ft., Xucumanatlán, 7000 ft. Distr. Mexico (Guerrero, Chiapas). Types & BM(NH)*. N. COMB.
- Dolorosus (Hull), 1950c:225 (Baccha). Type-locality: Peru, Chanchamayo. Distr. same. Type & Hull. N. COMB.
- DRACULA (Hull), 1943a:52 (Baccha). Type-locality: Honduras, Puerto Castilla. Distr. same. Type & Hull. Ref. Hull, 1949e:152 (redescription), 232, fig. 205 (abdomen). N. COMB.
- DRUIDA (Hull), 1947a:398 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Peru, Brazil (Santa Catarina, Parana). Type & AMNH*. Ref. Hull, 1949e:248, fig. 258 (abdomen). N. COMB.
- DRYOPE (Hull), 1958:427 (Baccha). Type-locality: Peru, Chanchamayo. Distr. same. Type & Hull, N. COMB.
- DUIDA (Hull), 1947b:238 (Baccha). Type-locality: Venezuela, Mt. Duida. Distr. Venezuela, Argentina (Tucumán, Salta). Type & AMNH*. Ref. Hull, 1949e:250, fig. 267 (abdomen); 268, fig. 341 (wing). N. COMB.
- EBLIS (Hull), 1943j:65, fig. 85 (abdomen) (Styxia). Type-locality: Ecuador, Bolivar, Hda. Talahua. Distr. same. Type & AMNH*. Ref. Hull, 1949e:208, fig. 85 (abdomen). N. COMB.
- Elegans (Giglio-Tos), 1892d:2 (Melanostoma). Type-locality: Mexico, Orizaba. Types & \$\phi\$ UTOR*. Ref. Giglio-Tos, 1893:fig. 21 (head). N. COMB.
- ELNORA (Shannon), 1927a:9, fig. 5 (wing tip) (Calostigma). Type-locality:
 Bolivia, Beni, Rurrenabaque. Distr. Ecuador, Peru (Cuzco),
 Bolivia. Type & USNM. Ref. Hull, 1949e:232, fig. 193 (abdomen); 260, fig. 308 (wing). N. COMB.
- EREBUS (Hull), 1943h:137 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:240, fig. 228 (abdomen). N. COMB.
- ERRATICUS (Williston), 1888:264 (*Syrphus*). Type-locality: Brazil, Mato Grosso, Chapada. Distr. Peru, Brazil (Mato Grosso). Types 3 9 AMNH*. Ref. Fluke, 1942:22, fig. 10 (head); Vockeroth. 1969:164, fig. 78 (superior lobe). N. COMB.
- EMUPTOVA (Hull), 1943k:40 (Baccha). Type-locality: Peru, Loreto, Iquitos.

 Distr. same. Type ? USNM. Ref. Hull, 1949e:204, fig. 61 (abdomen); 276, fig. 365 (wing). N. COMB.

EXIGUUS (Williston), 1888:267 (Baccha). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Types of a AMNH*. Ref. — Hull, 1949e:200, fig. 46 (abdomen); 230, fig. 186 (abdomen). N. COMB.

FASCIATUS Roeder, 1885:342. Type-locality: Porto Rico. Distr. — same. Type & (Zool. Univ. Mus., Halle a. S.; Horn & Kahle, 1936:228).

FERVIDUS (Austen), 1893:158, pl. 5:11 (habitus) (Baccha). Type-locality:
Brazil, Pará, Santarém, R. Tapajós. Distr. — same. Type & BM(NH). N. COMB.

FIAMETTA (Hull), 1943j:75, fig. 13 (abdomen) (Baccha). Type-locality: Panama, Canal Zone, Barro Colorado. Distr. — same. Type & Hull. Ref. — Hull, 1949e:153 (redescription), 194, fig. 13 (abdomen). N. COMB.

FILII (Doesburg), 1966:73, fig. 59 (habitus, head, abdomen) (Baccha).

Type-locality: Surinam, Paramaribo, Marienburg. Distr. — same.

Type & Doesburg. N. COMB.

FILIOLUS (Shannon), 1927a:30 (Baccha). Type-locality: Chile, Valparaiso. Distr. — Chile (Valparaiso, Santiago). Type & USNM. Ref. — Hull, 1949e:230, fig. 180 (abdomen). N. COMB.

FILISSIMUS (Hull), 1943j:79, fig. 42 (abdomen) (Baccha). Type-locality: Colombia, Muzo. Distr. — same. Type \(\text{P} \) Hull. Ref. — Hull, 1949e:200, fig. 42 (abdomen). N. COMB.

FLATUS (Hull), 1940b:433 (Baccha). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. — same. Type & Hull. Ref. — Hull, 1949e:202, fig. 56 (abdomen). N. COMB.

lopesae Curran, 1941:269 (Baccha). Type-locality: Brazil, Guanabara, Rio de Janeiro, Tijuca. Type & AMNH*. N. SYN.

FLAVENS (Austen), 1893:153, pl. 5:10 (habitus) (Baccha). Type-locality: Brazil, Region of Amazon. Distr. — same. Type 9 BM(NH). N. COMB.

FLAVIPENNIS (Wiedemann), 1830:123 (Syrphus). Type-locality: "Brazil".

Distr. — Colombia, Ecuador, Peru, Brazil (São Paulo, Mato Grosso). Types & P. ZMB. Ref. — Hull, 1949e:204, fig. 65 (abdomen).

N. COMB.

FLUKEI (Curran), 1941:284 (Salpingogaster). Type-locality: Ecuador, Tungurahua, Baños. Distr. — same. Type & AMNH. Ref. — Hull, 1949e:240, fig. 229 (abdomen). N. COMB.

phobia Hull, 1943c:51 [Baccha (Mimocalla)]. Type-locality: Ecuador, Tungurahua, Baños, Chaupi. Type & AMNH*.

Flukiella (Curran), 1941:275 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:198, fig. 39 (abdomen). N. COMB.

FRAGMENTARIUS (Hull), 1947a:405 (Baccha). Type-locality: Mexico, Tapachula Mts. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:242, fig. 237 (abdomen); 274, fig. 259 (wing). N. COMB.

FRATERNUS Bigot, 1883b:324. Type-locality: "Mexico". Distr. — same. Type \(\begin{align*} \text{BM(NH)} ? & \text{N. COMB.} \end{align*} \]

FUNEBRIS Macquart, 1834:554. Type-locality: "Erazil". Distr. — U.S.A. (Texas), south to Brazil (São Paulo, Santa Catarina). Type(s) of MNHN (lost?)*. Ref. — Hull, 1949e:276, figs. 160 & 162 (abdomens); 278, fig. 370 (wing). N. COMB.

iridipennis Walker, 1837:345 (Syrphus). Type-locality: "South Ame-

rica". Type ♂ BM(NH).

FUSCICOSTA Lynch Arribálzaga, 1891:255 (1892c:52). Type-locality: Argentina, Buenos Aires, Chacabuco; La Plata. Distr. — same. Types? MACN & MUNP.

- FUSCIPENNIS (Say), 1823:100 (Baccha). Type-locality: U.S.A., Pennsylvania. Distr. Canada (Quebec), west to U.S.A. (Wisconsin and Colorado), south to Mexico (Vera Cruz); Guadaloupe, Cuba. Type? lost. Ref. Hull, 1949e:222, fig. 145 (abdomen); 226, fig. 167 (abdomen); 232, fig. 192 (abdomen); 280, fig. 379 (wing). N. COMB.
 - fenestratus Bigot, 1885a:251. Type-locality: "Mexico". Type & OXF. N. SYN.

fenestratus Hull, 1949e:280, fig. 381 (wing) (Baccha; as a variety of

fuscipennis; preocc. Bigot, 1885). Nomen nudum.

GASTROSTACTUS (Wiedemann), 1830:123 (Syrphus). Type-locality: "Brazil".

Distr. — U.S.A. (Texas & Florida), south to Brazil (Santa Catarina). Types of VMNH* & AMNH*. Ref. — Hull, 1943j:65, fig. 2 (alula); 1949e:226, figs. 163-164 (abdomens); 258, figs. 299-300 (wings). N. COMB.

trigonus Wiedemann, 1830:126 (Syrphus). Type-locality: "Brazil".

Types of ZMB & VMNH (missing)*.

costalis Walker, 1837:342 (Pipiza, preocc. Wiedemann, 1830). Typelocality: South America. Type \$ BM(NH).

pica Walker, 1857:156 (Pipiza). Type-locality: "Valley of Amazon". Type \(\begin{align*} \text{BM(NH)}. \end{align*} \)

notatus Coquillett, 1902:195 (preocc. Loew, 1866). Type-locality: Mexico, Tabasco, Frontera, Types & USNM,

GEIJSKESI (Doesburg), 1966:75, fig. 60 (habitus) (Baccha). Type-locality: Surinam, Paramaribo, Botanical Garden (Cultuurtuin). Distr.—same. Type & Doesburg. N. COMB.

GIGANTEUS (Schiner), 1868:340 (Baccha). Type-locality: "South America".

Distr. — same. Types ♂ ♀ VMNH*. N. COMB.

- GILVUS (Austen), 1893:154, pl. 5:7 (habitus) (Baccha). Type-locality: Brazil, Region of Amazon. Distr. same. Type & BM(NH)*. N. COMB.
- GLOBICEPS (Hull), 1937b:30 (Pipunculosyrphus). Type-locality: Paraguay, San Bernardino. Distr. Brazil (Santa Catarina), Paraguay. Type & VMNH. Ref. Hull 1949e:192, fig. 3 (abdomen); 266, fig. 334 (wing). N. COMB.

tiara Curran, 1941:271 (Baccha). Type-locality: Brazil, Santa Cata-

rina, Nova Teutônia. Type ? AMNH*.

GOLBACHI (Fluke), 1950b:441, fig. 1 (abdomen) [Stenosyrphus (Episyrphus)].

Type-locality: Argentina, Tucumán, Villa Padre Monti. Distr.—
same. Type 9 IML. N. COMB.

GRATUS (Curran), 1941:270 (Baccha). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Type ? AMNH*. Ref. — Hull, 1949e: 236, fig. 214 (abdomen), 276, fig. 366 (wing). N. COMB.

HALCYONE (Hull), 1949b:244 (Baccha). Type-locality: Peru, Chanchamayo,

1100 m. Distr. — same. Type & Hull. N. COMB.

HARLEQUINUS (Hull), 1948a:10 (Baccha). Type-locality: Brazil, Rio Grande do Norte, Natal. Distr. — Brazil (Natal), Argentina. Type & AMNH*. Ref. — Hull, 1949e:250, fig. 268 (abdomen), 254, fig. 289 (wing). N. COMB.

HIANTHA (Hull), 1943j:74 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type ? AMNH*. Ref. — Hull, 1949e:154 (redescription), 212, fig. 96 (abdomen), 272, fig. 356

(wing). N. COMB.

HIPPOLYTE (Hull), 1957:187 (Baccha). Type-locality: Peru, Chanchamayo.

Distr. — same. Type \(\frac{2}{3} \) Hull. N. COMB.

HIRTUS (Shannon), 1927a:11 (Baccha). Type-locality: Bolivia, Beni, Ivon. Distr. — same. Type o USNM. Ref. — Hull, 1949e:154 (redescription), 250, fig. 271 (abdomen). N. COMB.

HIRUNDELLA (Hull), 1944g:59 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type ? AMNH. Ref. — Hull, 1949e:155 (redescription), 212, fig. 99 (abdomen). N. COMB.

HYACINTHIA (Hull), 1947a:409 (Baccha). Type-locality: Cuba, Soledad. Distr. — same. Type \(\partial \) Hull. Ref. — Hull, 1949e:246, fig. 252 (abdomen). N. COMB.

HYALIPENNIS (Curran), 1930e:15 (Callostigma). Type-locality: Honduras, Tegucigalpa. Distr. — Honduras, Argentina (Tucumán). Type \(\frac{4}{2} \) AMNH*. Ref. — Hull, 1949e:230, fig. 183 (abdomen), 260, fig. 311 (wing). N. COMB.

IDA (Curran), 1941:279 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Paraguay, Argentina (Jujuy). Type & AMNH*. Ref. — Hull, 1949e:156 (redescription), 194, figs. 12, 18 (abdomen), 262, fig. 319 (wing), 274, fig. 358 (wing). N. COMB.

var. IDELLA (Hull), 1949e:159, fig. 107 (abdomen) (Baccha). Typelocality: Paraguay, Villarica. Type & USNM.

IDANUS (Curran), 1941:276 (Baccha). Type-locality: Peru, Rio Putumayo.
Distr. — same. Type \(\rightarrow \) AMNH*. Ref. — Hull, 1949e:240, fig. 230 (abdomen), 278, fig. 373 (wing). N. COMB.

IMMACULATUS (Macquart), 1842:158 (98), tab. 17, figs. 1 (head), 1a (wing) (Syrphus). Type-locality: "Chile or Brazil". Distr. — same. Type \$\gamma\$ MNHN*. N. COMB.

INCA (Curran), 1939d:4 (Baccha). Type-locality: Peru. Distr. — same. Type \(\foats \) AMNH*. Ref. — Hull, 1949e:200, fig. 50 (abdomen). N. COMB.

INFANTA (Hull), 1943j:74 (Baccha). Type-locality: Colombia, Muzo. Distr.
— same. Type & Hull, 1949e:159 (redescription), 224, fig. 151 (abdomen). N. COMB.

INFUSCATUS Bigot, 1883b:324. Type-locality: Mexico. Distr. — Mexico, Jamaica, Puerto Rico. Types & BM(NH). N. COMB.

INORNATUS (Walker), 1837:342 (Baccha). Type-locality: "South America". Distr. — same. Type & BM(NH). N. COMB.

INSULARIS (Bigot), 1883b:330 (*Doros*). Type-locality: "Cuba". Distr. — same. Type \(\begin{align*} \text{BM}(\text{NH}) * & \text{N. COMB.} \end{align*} \)

10 (Hull), 1944g:61 (Baccha). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — same. Type \(\foats \) AMNH*. Ref. — Hull, 1949e: 236, fig. 208 (abdomen), 268, fig. 342 (wing). N. COMB.

236, fig. 208 (abdomen), 268, fig. 342 (wing). N. COMB.

IONA (Curran), 1941:265 (Baccha). Type-locality: Brazil, Mato Grosso,
Chapada. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:
242, fig. 234 (abdomen), 278, fig. 371 (wing).

IRIS Austen, 1893:133, pl. 4:1 (habitus). Type-locality: Jamaica, Cinchona.

Distr. — same. Type \(\begin{align*} \text{BM(NH)} \). N. COMB.

ISTHMUS Thompson (for *Callostigma panamensis* Curran). Distr. — Panama. Ref. — Hull, 1949e:212, fig. 103 (abdomen). NOM, NOV.

panamensis Curran, 1930f:8 (Callostigma; preocc. Curran, 1930). Typelocality: Panama, Canal Zone, Barro Colorado Island. Type AMNH*.

JACTATOR (Loew), 1861:40 (*Syrphus*). Type-locality: Cuba. Distr. — U.S.A. (Florida), Cuba. Type & MCZ*. Ref. — Fluke, 1942:23, fig. 33 (abdomen); 1950a:127, fig. 133 (male genitalia). N. COMB.

JOHNSONI (Curran), 1934b:392 (Baccha). Type-locality: Guyana, Bartica.

- Distr. same. Type 9 MCZ. Ref. Hull, 1949e:159 (redescription), 252, fig. 281 (abdomen). N. COMB.
- LANEI (Fluke), 1950b:444, fig. 4 (male genitalia) [Stenosyrphus (Episyrphus)]. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. - Brazil (São Paulo, Rio de Janeiro). Type & MZUSP, N. COMB.
- LATICAUDA (Curran), 1941:217 (Baccha). Type-locality: Brazil, São Paulo.
 Distr. same. Type & AMNH*. Ref. Hull, 1949e:224, fig. 158 (abdomen), 266, fig. 333 (wing). N. COMB.

 LATIUSCULUS Loew, 1866b:39 (1872b:99). Type-locality: Cuba. Distr. —
- U.S.A. (Florida); Cuba, Jamaica. Type 9 MCZ.
- LATIVENTRIS (Curran), 1941:277 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type ? AMNH*. Ref. — Hull, 1949e:244, fig. 246 (abdomen). N. COMB.
- LAUDABILIS (Williston), 1891:36 (Baccha). Type-locality: Mexico, Guerrero, Sierra de las Aguas Escondidas, 7000 ft. Distr. — same. Type 9 BM(NH)*. N. COMB.
- LAUTUS (Giglio-Tos), 1892d:2 (Syrphus). Type-locality: Mexico, Tuxpango. Distr. — same. Type & UTOR*. Ref. — Giglio-Tos, 1893:figs. 4 (abdomen), 4a (head). N. COMB.
- LEPIDUS (Macquart), 1842:169 (109), tab. 19, fig. 1 (habitus) (Baccha). Type-locality: ??? Distr. — Mexico, Panama. Type(s) & MNHN. Ref. — Hull, 1949e:192, fig. 5 (abdomen), 202, fig. 58 (abdomen). N. COMB.
- LEUCOPODUS (Hull), 1948a:5 (Baccha). Type-locality: Brazil, Goiás. Distr.
 Brazil (Goiás, São Paulo). Type ? Hull. Ref. Hull, 1949e: 160 (redescription), 212, fig. 100 (abdomen). N. COMB.
- LEVISSIMUS (Austen), 1893:146, pl. 4:15 (habitus) (Baccha). Type-locality: Brazil, Region of Amazon. Distr. — Peru, Brazil. Types & BM(NH). Ref. — Hull, 1949e:238, fig. 220 (abdomen), 268, fig. 337 (wing). N. COMB.
- LIMPIDAPEX (Curran), 1941:282 (Baccha). Type-locality: Brazil, Mato Grosso, Chapada. Distr. same. Type & AMNH*. Ref. Hull, 1949e:212, fig. 104 (abdomen), 282, fig. 385 (wing). N. COMB.
- LINEATUS (Macquart), 1846:267 (139), tab. 20, fig. 5 (habitus) (Baccha).

 Type-locality: Mexico, Yucatán. Distr. U.S.A. (Florida, Texas), Mexico (Yucatán). Type 9 MNHN? Ref. — Hull, 1949e: 236, fig. 206 (abdomen). N. COMB.
 - var. connexus (Hull), 1949e:236, fig. 207 (abdomen) (Baccha). Typelocality: ? Type ? ? Nomen nudum.
- LIVIDUS (Schiner), 1868:343 (Baccha). Type-locality: "South America". Distr. — Mexico, Honduras, Panama, Colombia, Guyana, Trinidad, Peru, Brazil. Types ♂ ♀ VMNH*. Ref. — Hull, 1949e:196, fig. 26 (abdomen), 281, fig. 124 (abdomen), 268, fig. 336 (wing). N. COMB.
- LUCRETIA (Hull), 1949i:230 (Baccha). Type-locality: Peru, Chanchamayo. Distr. - same. Type & Hull. N. COMB.
- LUCTUOSUS (Bigot), 1883b:334 (Baccha). Type-locality: "Mexico". Distr. -Mexico, ?Costa Rica (Fluke, 1956:252). Type & BM(NH). Ref. — Hull, 1949e:242, fig. 239 (abdomen). N. COMB.
- LUGUBRIS (Philippi), 1865:749 (Baccha). Type-locality: Chile, Corral. Distr. — Chile (Aysén). Type(s) ? MNHNS. N. COMB.
 - nigrifrons Bigot, 1883b:335 (Baccha). Type-locality: Chile. Type & BM(NH).

MACER (Curran), 1930a:13 (Baccha). Type-locality: Paraguay, San Bernadino. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:246,

fig. 251, (abdomen), 260, fig. 309 (wing). N. COMB.

MACROPYGA (Curran), 1941:267 (Baccha). Type-locality: Brasil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:196, fig. 24 (abdomen), 244, figs. 242-243 (abdomens), 260, fig. 313 (wing). N. COMB.

MARA (Curran), 1941:274 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Tucumán). Type & AMNH*. Ref. — Hull, 1949e:246, fig. 253 (abdomen), 256, fig. 293 (wing).

MELANORRHINUS (Philippi), 1865:749 (Baccha). Type-locality: Chile, Valdivia. Distr. - Chile (Curicó-Aysén). Type? MNHNS. Ref. -Hull, 1949e:224, fig. 155 (abdomen), 258, fig. 301 (wing), N. COMB. felix Shannon, 1927a:30 (Baccha). Type-locality: Chile, Valparaiso.

Type & USNM.

MENTOR (Curran), 1930a:12 (Baccha). Type-locality: Paraguay, San Bernardino. Distr. — same. Type & AMNH*, Ref. — Hull. 1949e: 248, fig. 263 (abdomen), 254, fig. 286 (wing). N. COMB.

MEXICANUS (Curran), 1930a:6 (Baccha; nom. nov. for lugubris Williston). Distr. — Mexico (Vera Cruz, Guerrero, Tabasco). Ref. — Hull, 1949e:216, fig. 114 (abdomen); 274, fig. 360 (wing). N. COMB.

- lugubris Williston, 1891:37 (Baccha; preocc. Philippi, 1865). Typelocality: Mexico, Tabasco, Venta de Zopilote, 2800 ft., Teapa; Guerrero, Chilpancingo, 4600 ft., Vera Cruz, Atoyac. Types & ? BM(NH) & AMNH*.
- batesi Curran, 1939d:10 (Baccha). Type-locality: Guatemala, San Sebastian, Reu. Type 9 AMNH*. [See Hull, 1949e:220, fig. 136 (abdomen); 282, fig. 382 (wing)].
- MICROPELECINUS (Shannon), 1927a:10 (Baccha). Type-locality: Bolivia Tumupasa. Distr. — same. Type 9 USNM. Ref. — Hull, 1949e. 250, fig. 269 (abdomen). N. COMB.
- MICROPYGA (Curran), 1941:271 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH. N. COMB. var. iolanthe Hull, 1949e:252, fig. 276 (abdomen) (Baccha). Locality: "Brazil". Type?? Nomen Nudum.

MIMUS (Hull), 1949e:188 (Baccha). Type-locality: Peru, Pucallpa. Distr. - same. Type ♀ Hull. N. COMB.

MINIMUS (Hull), 1943m:214 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:208, fig. 78 (abdomen). N. COMB.

mimima, Hull, 1949e:208, misspelled.

MURINUS (Curran), 1930a:12 (Baccha). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e: 230, fig. 181 (abdomen); 268, fig. 338 (wing). N. COMB.

MYRTELLA (Hull), 1960:70 (Baccha). Type-locality: Peru, Chanchamayo. Distr. — same. Type & Hull. N. COMB.

NASUTUS (Williston), 1891:35 (Baccha). Type-locality: "Mexico". Distr. same. Types of ♀ BM(NH). Ref. — Giglio-Tos, 1893:fig. 8 (head). N. COMB.

NECTARINUS (Hull), 1942a:94 (Baccha). Type-locality: Paraguay, Villarica.

Distr. — same. Type & MCZ. Ref. — Hull, 1949e:196, fig. 30 (abdomen). N. COMB.

NEPTUNUS (Hull), 1943h:138 (Baccha). Type-locality: Brazil, Rio de Ja-

neiro, Japuíba, Angra dos Reis. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:192, fig. 9 (abdomen). N. COMB.

NERISSA (Hull), 1943m:215 (Baccha). Type-locality: Ecuador, Pinas. Distr. — same. Type \(\phi \) AMNH*. Ref. — Hull, 1949e:162 (redescription), 212, fig. 97 (abdomen). N. COMB.

NERO (Curran), 1939d:8 (Baccha). Type-locality: Guyana, Kaieteur. Distr.
— same. Type & BM(NH). N. COMB.

- NEURALIS (Curran), 1934b:395 (Callostigma). Type-locality: Guyana, Kartabo. Distr. same. Type ? AMNH*. Ref. Hull, 1949e:232, fig. 195 (abdomen); 260, fig. 312 (wing). N. COMB.
- NIGROCILIA (Hull), 1943m:215 (Baccha). Type-locality: Brazil, São Paulo, Ilha Seca. Distr. Brazil (São Paulo), Colombia. Type \$\partial AMNH*. Ref. Hull, 1949e:162 (redescription), 244, fig. 248 (abdomen). N. COMB.
 - var. Hirtipes (Hull), 1943m:215 (Baccha). Type-locality: "Colombia". Type ? AMNH (missing FCT). Ref. Hull, 1949e:220, fig. 139 (abdomen).
 - var. INCLUSA (Hull), 1943m:215 (Baccha). Type-locality: "Colombia". Type ? AMNH (missing FCT). Ref. Hull, 1949e:224, fig. 156 (abdomen).
- NIOBE (Hull), 19431:73 (Baccha). Type-locality: Ecuador, Palmar, Manabi 200 m. Distr. same. Type & AMNH*. Ref. Hull, 1949e:198, fig. 37 (abdomen). N. COMB.
- NITIDULUS (Curran), 1930a:9 (Baccha). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. Panama, Brazil (Rondônia). Type & AMNH*, Ref. Hull, 1949e:214, fig. 105 (abdomen). N. COMB.
- Nodosus (Hull), 1930:141, fig. 8 (abdomen) (Baccha). Type-locality: Mexico, Vera Cruz, Jalapa. Distr. same. Type & ANSP. Ref. Hull, 1949e:192, fig. 6 (abdomen). N. COMB.
- NORA (Curran), 1941:269 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*. N. COMB.
- NORINA (Curran), 1941:267 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (São Paulo, Santa Catarina), Bolivia, Argentina (Misiones, Formosa, Tucumán, Jujuy, Salta). Type & AMNH*. Ref. Hull, 1949e:196, fig. 23 (abdomen), 218, fig. 131 (abdomen), 270, fig. 347 (wing). N. COMB.
- fig. 131 (abdomen), 270, fig. 347 (wing). N. COMB.

 NOTATUS (Loew), 1866b:37 (1872b:97) (Baccha). Type-locality: "Cuba".

 Distr. same. Type & MCZ*. Ref. Hull, 1949e:236, fig. 211 (abdomen), 240, fig. 233 (abdomen), 256, fig. 294 (wing). N. COMB.
- NYMPHAEA (Hull), 1943k:40 (Baccha). Type-locality: Brazil, São Paulo, Campinas. Distr. same. Type & USNM. Ref. Hull, 1949e: 238, fig. 221 (abdomen). N. COMB.
- OBLIQUUS (Curran), 1941:258 (Callostigma). Type-locality: Panama, Canal Zone, Chiva Chiva Trail. Distr. same. Type \$\varphi\$ AMNH*. Ref. Hull, 1949e:230, fig. 185 (abdomen), 260, fig. 307 (wing). N. COMB.
- OBLONGUS (Walker), 1852:221 (Baccha). Type-locality: Brazil. Distr. same. Type 9 BM(NH). N. COMB.
- OBSOLETUS (Curran), 1941:266 (Baccha). Type-locality: Paraguay, San Bernadino. Distr. same. Type & AMNH*. Ref. Hull, 1949e: 222, fig. 150 (abdomen), 282, fig. 383 (wing). N. COMB.
- OCHREOLINEA (Hull), 1944c:31 (Baccha) [also, 1943j:98, fig. 89 (abdomen)].

 Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr.

— same. Type \mathbb{P} MCZ*. Ref. — Hull, 1949e:210, fig. 89 (abdomen). N. COMB.

OCTOMACULATUS Thompson (nom. nov. for flukei Hull). Distr. — Brazil (Santa Catarina). Ref. — Hull, 1949e:198, fig. 36 (abdomen). NOM. NOV.

<code>flukei</code> Hull, 1943j:67, fig. 36 (abdomen) (Baccha; preocc. Curran, 1941). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type $\,^{\circ}$ AMNH*.

OENONE (Hull), 1949e:109, fig. 198 (abdomen) (Baccha). Type-locality: "Jamaica". Distr. — same. Type &? N. COMB.

OPACUS (Fluke), 1950b:443, fig. 2 (abdomen), fig. 3 (male genitalia) [Stenosyrphus (Episyrphus)]. Type-locality: Ecuador, Tungurahua, Mt. Tungurahua, 2800 ft. Distr. — same. Type \, AMNH*. Ref. — Vockeroth, 1969:164, fig. 80 (superior lobe). N. COMB.

ORIEL (Hull), 1942a:96 (Baccha). Type-locality: Dominican Republic, Loma Rucilla and Mts, N., 5000-8000 ft. Distr. — same. Type & MCZ. Ref. — Hull, 1949e:196, fig. 29 (abdomen), 218, fig. 126 (abdomen). N. COMB.

ORNATIPES (Curran), 1927b:3 (Baccha). Type-locality: Puerto Rico, Cayey.

Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:232, fig. 194
(abdomen), 260, fig. 306 (wing). N. COMB.

(abdomen), 260, fig. 306 (wing). N. COMB.

oviphorus (Hull), 1943j:73 (Baccha). Type-locality: Colombia, Muzo.

Distr. — same. Type ? Hull. Ref. — Hull, 1949e:232, fig. 191
(abdomen). N. COMB.

cvipositorius (Hull), 1943j:76 (Baccha). Type-locality: Colombia. Distr.
— same. Type 9 Hull. Ref. — Hull, 1949e:230, fig. 178 (abdomen). N. COMB.

PANAMENSIS (Curran), 1930a:9 (Baccha). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type \(\foatsize AMNH*. \) Ref. — Hull, 1949e:212, fig. 103 (abdomen). N. COMB.

PANDORA (Hull), 1942i:102 (Baccha). Type-locality: Panama, Coclé prov., El Valle. Distr. — same. Type & MCZ. Ref. — Hull, 1949e:198, fig. 38 (abdomen). N. COMB.

PAPILIO (Hull), 1942d:45 (Baocha). Type-locality: Brazil, São José (?).

Distr. — Brazil (Santa Catarina). Ref. — Hull, 1949e:198, fig. 38 (abdomen). N. COMB.

PAPILIONARIUS (Hull), 1943j:71 (*Baccha*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type ? AM(NH)*. Ref. — Hull, 1949e:220, fig. 133 (abdomen). N. COMB.

PARA (Curran), 1941:280 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type \(\text{PAMNH*}. \) Ref. — Hull, 1949e:163 (redescription), 194, fig. 11 (abdomen), 214, fig. 106 (abdomen), 216, fig. 115 (abdomen), 360, figs. 314 & 317 (wings). N. COMB.

PARVICORNIS (Loew), 1861:41 (Baccha). Type-locality: Cuba. Distr. — U.S.A. (Florida); Cuba, Jamaica, Puerto Rico. Type & MCZ. Ref. — Hull, 1949e:250, fig. 266 (abdomen). N. COMB.

PENNATUS (Hull), 1943j:75 (Baccha). Type-locality: Panama, Canal Zone, Barro Colorado. Distr. — same. Type \(\text{P} \) Hull. Ref. — Hull, 1949e:246, figs. 255-256 (abdomens), 266, fig. 329 (wing). N. COMB.

PERI (Hull), 1943j:75 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type ? AMNH*. Ref. — Hull, 1949e:228, fig. 168 (abdomen). N. COMB.

Persimilis (Curran), 1930a:2 (Baccha). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil (Santa Catarina, Mato Grosso).

Type ? AMNH*. Ref. — Hull, 1949e:210, fig. 93 (abdomen). N. COMB.

PERUVIANUS (Shannon), 1927a:10 [Baccha (Pelecinobaccha)]. Type-locality: Peru, Chanchamayo. Distr. — Peru (Junin, Cuzco). Type 9 USNM. Ref. — Hull, 1949e:206, figs. 69-70 (abdomens). N. COMB.

- PHAEOPTERUS (Schiner), 1868:342 (Baccha). Type-locality: "South America". Distr. — Mexico (Guerrero, Tabasco, Vera Cruz), Guatemala, Peru, Brazil (Mato Grosso). Types & VMNH. Ref. -Hull, 1949e:196, fig. 28 (abdomen). N. COMB.
- PHILIPPIANUS (Enderlein), 1938:235 (Baccha; nom. nov. for flavicornis Philippi). Distr. — Chile (Curicó-Valdivia). N. COMB.
 - flavicornis Philippi, 1865:749 (Baccha; preoc. Loew, 1863). Typelocality: Chile, Valdivia. Types ? MNHNS.
- PHILODICE (Hull), 1950c:227 (Baccha). Type-locality: Peru, Chanchamayo. Distr. same. Type \circ Hull. N. COMB.
- PHOBIFER (Hull), 1943c:50 (Baccha). Type-locality: Ecuador, Oriente, Puyo, 1250 m. Distr. — Ecuador. Type & AMNH. Ref. — Hull, 1949e:208, fig. 83 (abdomen). N. COMB.
 - bacchiformis Vockeroth, 1969:122, fig. 13 (wing), fig. 17 (abdomen) (Hermesomyia). Type-locality: Ecuador, Pichincha, Tandapi, 40 km SW Quito, 1300-1500 m. Distr. — same. Type & CNC*. N. SYN.
- PILIPES (Schiner), 1868:342 (Bacha). Type-locality: "South America". Distr. — Brazil (Mato Grosso), Peru (Junín). Types & VMNH*. Ref. — Hull, 1949e:210, fig. 94 (abdomen), 272, fig. 350 (wing). N. COMB.
- PINKUSI (Curran), 1939d:5 (Baccha). Type-locality: Trinidad, Tabaquite. Distr. — same. Type 9 AMNH*. Ref. — Hull, 1949e:242, fig. 240 (abdomen), 284, fig. 388 (wing). N. COMB.
- PIRATA (Curran), 1939d:7 (Baccha). Type-locality: Brazil, São Paulo. Distr. — same. Type 9 AMNH*. Ref. — Hull, 1949e:218, fig. 125 (abdomen), 284, fig. 364 (wing). N. COMB.
- PLACIVUS (Wlliston), 1888:269 (Baccha). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Types & AMNH*. Ref. — Hull, 1949e:210, fig. 90 (abdomen). N. COMB.
- PLUTONIA (Hull), 1948a:2 (Baccha). Type-locality: Bolivia, Covendo. Distr. — same. Type 9 USNM. Ref. — Hull, 1949e:166 (redescription), 194, fig. 17 (abdomen). N. COMB.
- POLA (Curran), 1939d:11 (Baccha). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Type of AMNH*. Ref. — Hull, 1949e: 244, fig. 249 (abdomen), 270, fig. 348 (wing). N. COMB.
- POLISTA (Hull), 1943g:89 [Baccha (Mimocalla)]. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (Santa Catarina), Argentina (Buenos Aires, Tucumán). Type of AMNH*. Ref. — Hull, 1943j:65, fig. 2 (alula); 1949e:238, fig. 222 (abdomen); 236, fig. 212 (abdomen). N. COMB. nigriventris, Bruch, 1923:1 (Baccha), misidentification.
- POTENTILA (Hull), 1942a:100 (Baccha). Type-locality: Paraguay, Villarica. Distr. — same. Type & MCZ. Ref. — Hull, 1949e:167 (redescription), 212, fig. 102 (abdomen). N. COMB.
- PRENES (Curran), 1930a:11 (Baccha). Type-locality: Brazil, Rio de Janeiro. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:196, fig. 21 (abdomen). N. COMB.

PRINCEPS (Hull), 1944g:56 (Baccha). Type-locality: Ecuador, Oriente, Puyo 1000 m. Distr. — Ecuador, Peru. Type & AMNH*. Ref. — Hull, 1949e:220, figs. 132, 134 (abdomen). N. COMB.

PEISCILLA (Hull) 1943j:79 (Baccha). Type-locality: Argentina, Mendoza, Potrerillos. Distr. — same. Type & CU. Ref. — Hull, 1949e:168 (redescription), fig. 118 (abdomen). N. COMB.

PROVOCANS (Curran), 1939d:6 (Baccha). Type-locality: Mexico, Yucatan, Chichén Itzá. Distr. — same. Type \(\text{AMNH*}. \) Ref. — Hull, 1949e:246, 268; figs. 254 (wing), 339 (abdomen). N. COMB.

PRUDENS (Curran), 1934b:394 (Baccha). Type-locality: Guyana, Kartabo. Distr. — same. Type 9 AMNH*. Ref. — Hull, 1949e:236, 254, 280; figs. 209 & 210 (abdomen), 285 & 377 (wing). N. COMB.

PRUNELLA (Hull), 1943j:72 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. N. COMB.

PTERONIS (Fluke), 1942:5 (Epistrophe). Type-locality: Ecuador, Tungurahua, Volcan Tungurahua, Minza Chica. Distr. — Ecuador. Type & AMNH*. Ref. — Fluke, 1950a:125, fig. 108 (male genitalia); Vockeroth, 1969:164, fig. 79 (superior lobe). N. COMB.

PULLUS (Sack), 1921:130, fig. 2 (head) (Baccha). Type-locality: Paraguay, Aregua & St. Trinidad. Distr. — same. Types & & DEI & SMF*.

N. COMB.

- PUMILUS (Austen), 1893:148, pl. 5:12 (habitus) (Baccha). Type-locality: Brazil, Region of Amazon. Distr. — Panama, Brazil. Types of φ BM(NH). Ref. — Hull, 1949e:206, fig. 74 (abdomen). N. COMB.
- PUNCTIFRONS (Williston), 1891:36 (Baccha). Type-locality: Mexico, Guerrero; Omiltemi, 8000 ft.; Amula, 6000 ft.; Xucumanatlán, 7000 ft.; Sierra de las Aguas Escondidas, 9500 ft. Distr. — same. Types ♂ ♀ BM(NH)* & AMNH*. N. COMB.

(Hull), 1943j:68, fig. 81 (abdomen) (*Baccha*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type 🖁 AMNH*. Ref. — Hull, 1949e:208, fig. 81 (abdomen). N. COMB.

RICUS (Curran), 1939d:6 (Baccha). Type-locality: Puerto Rico, Mayaguez. Distr. — same. Type 9 AMNH*. Ref. — Hull, 1949e:244, 272; figs. 247 (abdomen), 351 (wing). N. COMB.

Type-locality: "Brazil". RUBRICOSUS (Wiedemann), 1830:137 (Syrphus). Distr. — same. Types ? ZMB & VMNH. N. COMB.

RUFIVENTRIS Bigot, 1883:325. Type-locality: Cuba. Distr. — same. Type ♀ BM(NH) ?.

- RUGOSIFRONS (Schiner), 1868:341 (Baccha). Type-locality: "South America". Distr. — Brazil. Types 9 VMNH*. Ref. — Hull, 1949e:238, fig. 215 (abdomen). N. COMB.
- RYL (Hull), 1943j:73, fig. 34 (abdomen) (Baccha). Type-locality: Paraguay, Villarica. Distr. — same. Type ? AMNH*. Ref. — Hull, 1949e:198, fig. 34 (abdomen). N. COMB.

SAFFRONA (Hull), 19431:74 (Baccha). Type-locality: Ecuador, Manabi, Palmar. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:

208, fig. 86 (abdomen). N. COMB.

SAGITTIFERUS (Austen), 1893:144, pl 4:14 (habitus) (Baccha). Type-loca-Type ♀ BM(NH). lity: Jamaica, Cinchona. Distr. — same. N. COMB.

(Hull), 1944j:40 (Baccha). Type-locality: Peru, Campamiento. Distr. — same. Type & CU. Ref. — Hull, 1949e:169 (redescription), 224, fig. 154 (abdomen). N. COMB.

SAPPHO (Hull), 1943j:69 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type 9 AMNH*. Ref. — Hull, 1949e:170 (redescription), 224, 262; figs. 157 (abdomen), 316

(wing). N. COMB.

SARGOIDES (Macquart), 1850:455 (151), pl. 14, fig. 9 (habitus), 9a (head) Type-locality: "Brazil". Distr. — same. Type of (Syrphus). OXF*, N. COMB.

SATIVUS (Curran), 1941:275 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Colombia, Brazil (São Paulo, Santa Catarina). Type & AMNH*. Ref. — Hull, 1949e:248, 254; figs. 264 (abdomen), 283 (wing). N. COMB. var. ARSINOE (Hull), 1949e:135, fig. 250 (abdomen) (Baccha). Type-

locality: "Colombia". Distr. — same. Type & ? N. COMB.

arsenoe, Fluke, 1956:262, misspelling.

SATYRUS (Hull), 1943j:77, figs. 2 (alula), 84 (abdomen) (Baccha). Typelocality: Ecuador, Manabi, Palmar. Distr. — same. AMNH*. Ref. -- Hull, 1949e:208, fig. 84 (abdomen). N. COMB.

SCHWARZI (Curran), 1939d:9 (Baccha). Type-locality: Colombia, Western Cordillera, Cali Dist. — same. Type & AMNH*. Ref. — Hull, 1949e:214, 278; figs. 111 (abdomen), 375 (wing). N. COMB.

SCINTILLANS (Hull), 1943h:136 (Baccha). Type-locality: Ecuador, Morro Morro. Distr. — same. Type ♀ AMNH*. Ref. — Hull, 1949e:208, fig. 87 (abdomen). N. COMB.

SCUTELLATUS Loew, 1866:39 (1872b:99). Type-locality: "Cuba". Distr. — U.S.A. (Florida), Cuba, Puerto Rico, Panama, Brazil (São Paulo, Santa Catarina), Argentina (Misiones, Tucumán). Type 9 MCZ.

proximus Schiner, 1868:346. Type-locality: "Brazil". Type ♂ ♀ VMNH*. N. SYN.

anthracoides Bigot, 1884b:82 (?Melanostoma). Type-locality: "Panama". Type ♀ OXF*. N. SYN.

loewi Sedman, in Wirth, et al., 1965:573 (Baccha; nom. nov. for scutellatus Loew). N. SYN.

SELENE (Hull), 1949e:183 (Baccha). Type-locality: Peru, Pucallpa. Distr.

— same. Type & Hull. N. COMB.

SEPIA (Hull), 1941d:161 (Baccha). Type-locality: Brazil, São Paulo. Distr. — Brazil (São Paulo, Santa Catarina). Type o Hull. Ref. — Hull, 1949e:192, fig. 10 (abdomen). N. COMB.

SERICEUS (Walker), 1837:343 (Pipiza). Type-locality: "South America". Distr. — Brazil (São Paulo), Type & BM(NH)*. N. COMB.

SHROPSHIREI (Curran), 1930a:7 (Baccha). Type-locality: Panama, Canal Zone, Corozal. Distr. — same. Type 9 AMNH*. Ref. — Hull, 1949e:240, 282; figs. 231 (abdomen), 386 (wing). N. COMB.

SIGNIFERUS (Austen), 1893:145, pl. 4:8 (habitus) (Baccha). Type-locality: Brazil, Amazonas, Tefé (as Ega). Distr. — Guyana, Brazil. Type ♂ BM(NH). N. COMB.

SILACEUS (Austen), 1893:149, pl. 5:13 (habitus) (Baccha). Type-locality: Brazil, Region of Amazon, Distr. - same. Type 9 BM(NH). N. COMB.

SIMULATUS (Curran), 1939d:10 (Baccha). Type-locality: Peru, Lower Rio Tapiche. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e: 192, 272; figs. 2 (abdomen), 352 (wing). N. COMB.

SMARTI (Curran), 1939d:10 (Baccha). Type-locality: Guyana, Mazaruni. Distr. — same. Type of BM(NH). N. COMB.

SPATULATUS (Giglio-Tos), 1892d:4 (Baccha). Type-locality: Mexico, Orizaba. Distr. — same. Type ? UTOR*. N. COMB.

STENOGASTER (Williston), 1888:266 (Baccha). Type-locality: Brazil, Mato Grosso, Chapada. Distr. - Mexico (Guerrero), Brazil (Mato

- Grosso), Argentina (Salta, Tucumán). Type & AMNH*. Ref. Hull, 1949e:232, 266, 272; figs. 189 & 190 (abdomen), 331 & 357 (wing). N. COMB.
- STIPA (Hull), 1949e:110 (Baccha) [also, 1943j:94, fig. 71 (abdomen)].

 Type-locality: "Colombia". Distr. same. Type ? ? N. COMB.
- STOLO (Walker), 1852:241 (Syrphus). Type-locality: "Brazil". Distr. same. Type & BM(NH). N. COMB.
- STRIATUS (Walker), 1852:221 (*Ascia*). Type-locality: "Brazil". Distr. same. Type & BM(NH). Ref. Hull, 1949e:198, fig. 32 (abdomen). N. COMB.
- Subchalybeus (Walker), 1857:157 (Syrphus). Type-locality: "Valley of Amazon". Distr. same. Type ? BM(NH). N. COMB.
- SUMMUS (Fluke), 1936:59, fig. 1 (abdomen) (*Baccha*). Type-locality: Brazil, Guanabara, Rio de Janeiro, Jardim Botânico. Distr. same. Type & AMNH*. Ref. Hull, 1949e:214, fig. 13 (abdomen), 276, fig. 368 (wing). N. COMB.
- susio (Hull), 1941c:61 (Baccha). Type-locality: Brazil, São Paulo, Avanhandava. Distr. same. Type & Hull. Ref. Hull, 1949e:171 (redescription), 220, fig. 138 (abdomen). N. COMB.
- TARSALIS (Walker), 1837:345 (Syrphus). Type-locality: "South America". Distr. same. Type ? BM(NH). N. COMB.
 - meridionalis Goot, 1964:215 (Syrphus, unjustified nom. nov. for tarsalis Walker; preocc. Fluke, 1950). N. SYN.
- TELESCOPICUS (Curran), 1930a:4 (Baccha). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. same. Type ? AMNH*. Ref. Hull, 1949e:204, 206, 276; figs. 60 & 71 (abdomen), 369 (wing); Hull, 1943j:44, fig. 1 (alula). N. COMB.
- TENUIS (Walker), 1852:222 (Baccha). Type-locality: "Brazil". Distr. same. Type \(\beta \) BM(NH). N. COMB.
- THECLA (Hull), 1943j:67 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same: Type & AMNH*. N. COMB.
- TIARELLA (Hull), 1944g:57 [Baccha (Pipunculosyrphus)]. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type \(\partial \text{AMNH*}. \) Ref. Hull, 1949e:226, 256; figs. 165 & 166 (abdomen), 296 (wing). N. COMB.
- TITANIA (Hull), 1943j:70, fig. 51 (abdomen) (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (Santa Catarina), Argentina (Salta, Tucumán). Type & AMNH*. Ref. Hull, 1949e:202, fig. 51 (abdomen). N. COMB.
- TRABIS (Fluke), 1942:5, fig. 6 (abdomen) (Epistrophe). Type-locality: Ecuador, Tungurahua, Volcan Tungurahua, Runtun. Distr. Ecuador, Argentina (Tucumán). Type & AMNH*. Ref. Fluke, 1950a:125, fig. 109 (male genitalia); Vockeroth, 1969:165, fig. 81 (superior lobe). N. COMB.
- TRANSATLANTICUS (Schiner), 1868;343 (Baccha). Type-locality: "Brazil & Colombia". Distr. "Colombia", Peru, Brazil. Types & \$\foat} VMNH*. Ref. Hull, 1949e;216, 284; figs. 119 & 120 (abdomen), 392 & 393 (wing). N. COMB.
- tricinctus (Bigot), 1883b:333 (Baccha). Not neotropical; Fluke, 1956: 265, error for tricinctus (Wulp).
- TRILOBUS (Hull), 1944b:11 (Baccha). Type-locality: "Amazon". Distr. same. Type & BM(NH). Ref. Hull, 1949e:172 (redescription), 244, 258; figs. 153 (abdomen), 198 (wing). N. COMB.
- TRINIDADENSIS (Curran), 1939d:11 (Baccha). Type-locality: Trinidad, Ta-

baquite. Distr. — same. Type ? AMNH*. Ref. — Hull, 1949e:212,

254; figs. 98 (abdomen), 284 (wing). N. COMB.

TRISTIS (Hull), 1930:140, fig. 7 (abdomen) (Baccha). Type-locality: Mexico, Vera Cruz, Jalapa, 4400 ft. Distr. — same. Type & ANSP. Ref. — Hull, 1949e:173 (redescription), 194, fig. 19 (abdomen). N. COMB.

ULRICA (Hull), 1957:188 (Baccha). Type-locality: Peru, Chanchamayo.

Distr. — same. Type ? Hull. N. COMB.

URANIA (Hull), 1949e:185 (Baccha). Type-locality: Peru, Pucallpa. Distr.
— same. Type 9 Hull. N.COMB.

URSULA (Hull), 1947b;234 (Baccha). Type-locality: Paraguay, Villarica.

Distr. — same. Type & Hull, Ref. — Hull, 1949e;220, 226, 284;

figs. 140 & 161 (abdomen), 389 (wing). N. COMB.

VAMPYRUS (Hull), 1943j:98, fig. 95 (abdomen); 1948a:7 (Baccha). Typelocality: Brazil, São Paulo. Distr. — same. Type ? Hull. Ref. — Hull, 1949e:210, fig. 95 (abdomen). N. COMB.

VANDA (Hull), 1943h:136 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:174 (redescription), 214, 222, 262; figs. 110 & 148 (abdomen), 315 & 318 (wing). N. COMB.

VANESSA (Hull), 1949e:190 (Baccha). Type-locality: Peru, Pucallpa. Distr.

- same. Type of Hull. N. COMB.

VARIEGATUS (Macquart), 1842:168 (108), pl. 18, fig. 4 (habitus) 4a (head) (Baccha). Type-locality: Brazil, Paraná, Guaratuba. Distr. — Brazil (Rio de Janeiro. Type &MNHN*. N. COMB.

VERA (Hull), 1943j:50, fig. 43 (abdomen) (*Baccha*) [also, 1944b:10]. Typelocality: "Amazon" [1944b:10]. Distr. — same. Type \(\frac{1}{2} \) BM(NH). Ref. — Hull, 1949e:200, fig. 43 (abdomen), 272, fig. 353 (wing). N. COMB.

VERONA (Curran), 1941:272 (Baccha). Type-locality: Colombia, Vista Nieve. Distr. — same. Type ? AMNH*. Ref. — Hull, 1949e:240, 254;

figs. 225 (abdomen), 288 (wing). N. COMB.

vespuccius (Hull), 1943l:73 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:192, fig. 1 (abdomen). N. COMB.

VICTORIA (Hull), 1941j:181 (Baccha). Type-locality: Brazil, São Paulo. Distr. — same. Type & Hull, MZUSP. Ref. — Hull, 1949e:196.

fig. 27 (abdomen). N. COMB.

VIERECKI (Curran, 1930a:6 (*Baccha*). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — Panama, Colombia (Santa Maria). Type & AMNH*. Ref. — Hull, 1949e:236, fig. 213 (abdomen). N. COMB.

VIOLACEUS (Hull), 1943j:71 (*Baccha*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type ? AMNH*. Ref. — Hull,

1949e:220, fig. 135 (abdomen). N. COMB.

VIRGA (Fluke), 1942:7, fig. 9 (abdomen) (*Epistrophe*). Type-locality: Ecuador, Imbabura, Cuicocha, 3200 m. Distr. — same. Type \(^2\) AMNH*. Ref. — Vockeroth, 1969:164, fig. 82 (superior lobe). N. COMB.

VIRGILIO (Hull), 1942d:46 (Baccha). Type-locality Brazil, Paraná. Distr.
— same. Type & Hull. Ref. — Hull, 1949e:204, fig. 63 (abdomen).
N. COMB.

VIRGINIO (Hull), 1941j:182 (Baccha). Type-locality: Brazil São Paulo, Osasco. Distr. — Brazil. Type & Hull. Ref. — Hull, 1949e:244, fig. 244 (abdomen). N. COMB. VITTIGER (Hull), 1949c:735 [also, 1949e:123, figs. 245 (abdomen), 384 (wing)] (Baccha). Type-locality: Guyana, Essequibo River, Moraballi Creek. Dark Forest. Distr. — Guyana, Brazil (São Paulo). Type & BM(NH). N. COMB.

volcanus (Fluke), 1942:6, fig. 8 (abdomen) (*Epistrophe*). Type-locality: Panama, Chiriquí, El Volcan. Distr. — Panama, Ecuador. Type &

AMNH*. N. COMB.

WIEDEMANNI Enderlein, 1938:234. Type-locality: "Brazil". Distr. — same. Type ? ZMB. Ref. — Wiedemann, 1830:124 [p.p. flavipennis Wiedemann].

WILLISTONI Thompson (nom. nov. for dolosa Williston). Distr. — "Mexico". Ref. — Hull, 1949e:234, fig. 202 (abdomen). NOM. NOV.

- dolosa Williston, 1891:37, pl. 1:7 (habitus), 7a+b (head) (Baccha; preocc. Walker, 1857). Type-locality: Mexico, Guerrero: Omiltemi, 8000 ft.; Xucumanatlan, 7000 ft.; Amula, 6000 ft.; Guatemala, Cerro Zunil, 4000-5000ft. Types & \$\parallel{2}\$ (BM(NH) & AMNH*.
- wilhelmina (Doesburg), 1963:27, fig. 5 (habitus), 5a+b (head) (Baccha). Type-locality: Surinam, Paramaribo. Distr. same. Type & Doesburg. N. COMB.
- WULPIANUS (Lynch Arribálzaga), 1891:250 (1892c:47) (Baccha, nom. nov. for tricinctus Wulp). Distr. Argentina. N. COMB.
 - tricinctus Wulp, 1888: 376, pl. 10, fig. 8 (habitus) (Baccha; preocc. Bigot, 1883). Type-locality: Argentina, Prov. Tucumán. Types of lost?.
- XANTHOPTERUS (Wiedemann), 1830:120 (Syrphus). Type-locality: Brazil. Distr. same. Type & SMF*. N. COMB.
- XANTIPPE (Hull), 1949e:177 (Baccha). Type-locality: Peru, Pucallpa. Distr. same. Type $\,^{\circ}$ Hull. N. COMB.
- ZABULON (Hull), 1949b:244 (Baccha). Type-locality: Peru, Chanchamayo. Distr. same. Type $\,^{\circ}$ Hull. N. COMB.
- ZENIA (Curran), 1941:266 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*. Ref. Hull, 1949e: 250, fig. 273 (abdomen). N. COMB.
- ZENILLIA (Curran), 1941:274 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type ? AMNH*. Ref. Hull, 1949e:250, 258; figs. 83, 272 (abdomen), 305 (wing).
 - zinnia Hull, 1943j:78, fig. 2 (alula), 82 (abdomen) (Baccha). Typelocality: Brazil, Santa Catarina, Nova Teutônia. Type ? AMNH*. N. SYN.
- ZEPHYREUS (Hull), 1947b:232 (Baccha). Type-locality: Paraguay, Villarica. Distr. same. Type & USNM. Ref. Hull, 1949e: 232, 274; figs. 188 (abdomen), 363 (wing). N. COMB.
- ZERENE (Hull), 1949b:245 (Baccha). Type-locality: Peru, Chanchamayo.

 Distr. same. Type & Hull. N. COMB.
- ZETEKI (Curran), 1930a:8 (Baccha). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. Honduras, Panama, Brazil (Mato Grosso). Type & AMNH*. Ref. Hull, 1949e:175 (redescription), 204, fig. 66 (abdomen). N. COMB.
- ZILLA (Hull), 1943m:214 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Ecuador, Brazil (Santa Catarina). Type \(\begin{array}{c} \text{AMNH*}. \text{ Ref.} Hull, 1949e:248, fig. 262 (abdomen). N. COMB. \end{array}
- ZITA (Curran), 1941:273 (Baccha). Type-locality: Brasil, Santa Catarina, Nova Teutônia. Distr. Brazil (Santa Catarina), Argentina

(Tucumán). Type & AMNH*. Ref. — Hull, 1943j:65, fig. 2 (alula); Hull, 1949e:200, 252; figs. 45 (abdomen), 275 (wing). N. COMB.

var. fuscus Hull. 1949e:252, fig. 274 (abdomen) (Baccha). Nomen nu-

dum [P AMNH*].

ZOBEIDE (Hull), 1943g:90 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. Ref. — Hull, 1949e:230, fig. 182 (abdomen). N. COMB.

ZOROASTER (Hull), 1943j:76, fig. 2 (alula), 80 (abdomen) (Baccha). Typelocality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Tucumán), Type & AMNH*, Ref. — Hull, 1949e:208, fig. 80 (abdomen). N. COMB.

Genus Salpingogaster Schiner

Amathia Walker, 1852:223 (preocc. Lamouroux, 1812; Roux, 1828; Duponchel, 1829; Rathke. 1837). Type-species, costalis Walker (mon.). SALPINGOGASTER Schiner, 1868:344. Type-species, pygophora Schiner (orig. des.).

Flexineura Bezzi, 1908:294, nomen nudum.

Ref. - Sack, 1920 (rev. key); Curran, 1941 (key); Knutson, 1971 (biol.).

Subgenus Salpingogaster Schiner

ABDOMINALIS Sack, 1920:242, fig. D (tip of abdomen). Type-locality: "Bolivia". Distr. — same. Type & MD.

BEQUAERTI Curran, 1933:2. Type-locality: Guatemala, Sa. Emilia, Pochuta. Distr. — same. Type & AMNH*.

BICOLOR Sack, 1920:250, fig. m (abdomen). Type-locality: Bolivia, La Paz, Mapiri, 2000 m. Distr. — same. Type 9 MD.

BIPUNCTIFRONS Curran, 1934b:397. Type-locality: Guyana, Kartabo. Distr. – same. Type ♀ AMNH*.

BROWNI Curran, 1941:286. Type-locality: Ecuador, Tungurahua, Volcan Tungurahua, Minza Chica. Distr. — Ecuador. Type & AMNH*. Ref. — Hull.1949d:297, fig. 11L (wing).

maculipennis Hull, 1944a:166. Type-locality: "?South America". Type ♀VMNH*. N. SYN.

BRUNERI Curran, 1932a:6. Type-locality: Cuba, Sierra Maestra. Distr. same. Type 9 AMNH*.

CORNUTA Hull, 1944a:168. Type-locality: 'Venezuela". Distr. — same. Type ? VMNH.

COSTALIS (Walker), 1852:223 (Amathia). Type-locality: Brazil. Distr. same. Type σ BM(NH). Ref. — Sack, 1920:253 (redescription). COTHURNATA Bigot, 1883:329. Type-locality: "Mexico". Distr. — same.

Type & BM(NH) ? Ref. — Sack, 1920:246 (redescription).

DIANA Hull, 1943f:33. Type-locality: "Brazil". Distr. — same. Type 9 Hull. FRONTALIS Sack, 1920:243, fig. e (male abdominal tip), f (female abdomen). Type-locality: Bolivia, Coroico, 1000 m. Distr. — same. Types ♂ ♀ MD.

GRACILIS Sack, 1920:251, figs. n + o (head), p (mesonotum), q (tip of male abdomen). Type-locality: Peru, Vilcanota, Distr. - Peru, Brazil (Santa Catarina). Types ♂ ♀ UNMB.

HALCYON Hull, 1940b:434. Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — Panama, Brazil (Santa Catarina), Argentina (Formosa). Type & Hull.

compressa Curran, 1941:284. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type & AMNH*. N. SYN.

IMPURA Curran, 1941:285. Type-locality: Brazil, São Paulo. Distr. — same.

Type & AMNH*.

LIMBIPENNIS Williston, 1891:29. Type-locality: Mexico, Guerrero, Amula, 6000 ft. Distr. — same. Types & BM(NH). Ref. — Sack, 1920:256 (redescription).

limbippennis, Sack, 1920:256, misspelling. LINEATA Sack, 1920:253, figs. r + s (male abdomen). Type-locality: Boli-

via, La Paz, Mapiri. Distr. — same. Type & MD. MINOR Austen, 1893:161, pl. 5:4 (habitus). Type-locality: Brazil, Pará. Distr. — same. Type & BM(NH). Ref. — Sack, 1920:247 (redescription).

NIGRA Schiner, 1868:344, pl. 4:4 (habitus), 4a (wing), Type-locality: "South America". Distr. — Mexico, Guatemala, Panama, Brazil, Peru, Argentina (Jujuy, Tucumán). Types & P VMNH*. Ref. — Sack, 1920:254 (redescription), figs. a (wing), t, u, & v (abdomen).

anchoratus Bigot, 1883:328. Type-locality: "Mexico". Type & BM(NH)? NIGRICAUDA Sack, 1920:248, fig. h (head). Type-locality: Bolivia. Distr. same. Types ♂ ♀ UNMB.

NOVA Giglio-Tos, 1892c:7. Type-locality: Mexico. Distr. — same. Type 4 UTOR*.

PANAMANA Hull, 1944c:33. Type-locality: Panama, Bella Vista. Distr. same. Type & MCZ.

pannamana, Fluke, 1957:6, misspelling.

PESSULAGYNA Hull, 1941f:48. Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type & Hull.

PETIOLATA Hull, 1944a:165. Type-locality: Bolivia, Rio Songo. Distr. same. Type ? VMNH*.

PUNCTIFRONS Curran, 1929:493. Type-locality: "Cuba". Distr. — U.S.A. (Florida). Type & Stanford Univ., Calif.

PYGOPHORA Schiner, 1868:344. Type-locality: "South America". Distr. — Cuba, Panama, Mexico, Brazil. Types & VMNH*. Ref. — Sack, 1920:239 (redescription), fig. b (tip of male abdomen); Hull, 1949d:264, fig. 3e (head).

RELICTA Curran, 1941:285. Type-locality: Cuba, Vinales. Distr. — Cuba. Type & AMNH*.

STIGMATIPENNIS Hull, 1940a: 250. Type-locality: "Venezuela". Distr. — same. Types ? VMNH & Hull.

UNCINATA Hull, 1945a:216. Type-locality: Costa Rica, La Suiza. Distr. same. Type & USNM.

URANIA Hull, 1949i:232. Type-locality: Peru, Chanchamayo. Distr. — same. Type ♂ Hull.

VERA Hull, 1944a:169. Type-locality: Bolivia, Río Songo. Distr. — same. Type & VMNH.

VIRGATA Austen, 1893:159, pl. 5:4 (habitus). Type-locality: Brazil, Region of Amazon. Distr. — Brazil, Bolivia. Types ♂ ♀ BM(NH). Ref. — Sack, 1920:240 (redescription), fig. c (head).

Subgenus Eosalpingogaster Hull

EOSALPINGOGASTER Hull, 1949d:299 (as genus). Type-species, Baccha conopida Philippi (orig. des.).

CONOPIDA (Philippi), 1865:750 (Baccha). Type-locality: Chile, Santiago. Distr. — Brazil (São Paulo), Chile, Argentina. Types MNHNS.

Ref. — Sack, 1920:244 (redescription), fig. g (head) [as macula Schiner]; Knutson, 1971:34 (description of puparium), figs. 3 + 4

(puparium).

?nigriventris Bigot, 1883;329. Type-locality: Uruguay, Montevideo. Type 9 BM(NH). Ref. — Sack, 1920;249 (redescription), figs. j (head), k (mesonotum); Sack, 1921;134, figs. 7 (mesonotum), 8 (puparium).

macula Schiner, 1868:345. Tpe-locality: "Chile". Types & 9 VMNH*.

nigroventris, Williston, 1886:315, misspelling.

mimetica Brèthes [not Lahille], 1907:292 (Baccha). Nomen nudum.

DACTYLOPIANA Blanchard, 1938:348, figs. 2a (puparium), b (head), c (mesonotum), d (abdomen). Type-locality: Argentina, Los Armadores, Catamarca & Entre Rios. Distr. — same. Types & [author's coll.].

LIPOSETA Fluke, 1937:10, figs. 12 (wing), 13 (thorax). Type-locality: Ecuador, Puerto Grande, Isla Puná. Distr. — Ecuador, Argentina (Tucumán, La Rioja, Río Negro). Type \(\partial \) AMNH*.

Genus Allograpta Osten Sacken

ALLOGRAPTA Osten Sacken, 1875:49. Type-species, Scaeva obliqua Say (mon.). Claraplumula Shannon, 1927a:8. Type-species, latifacies Shannon (orig. des.).

Fazia Shannon, 1927a:25. Type-species, bullaephora Shannon (orig. des.).
Oligorhina Hull, 1937b:30 (preocc. Fairmaire & Germain, 1863). Type-species, aenea Hull (orig. des.).

Chasmia Enderlein, 1938:213 (preocc. Enderlein, 1922). Type-species, hians

Enderlein (orig. des.).

Rhinoprosopa Hull, 1942f:24 (nom. nov. for Oligorhina Hull). Type-species, Oligorhina aenea Hull (aut.). N SYN.

Microsphaerophoria Frey, 1946:168. Type-species, plaumanni Frey (orig. des.).

Neoscaeva Frey, 1946:170. Type-species, Syrphus aeruginosifrons Schiner (orig. des.). N. SYN.

Epistrophe, subg. Metallograpta Hull, 1949d:293. Type-species, Allograpta colombia Curran (orig. des.).

Epistrophe, subg. Metepistrophe Hull, 1949d:293. Type-species, remigis Fluke (orig. des.) [see Fluke, 1951c:218; Vockeroth, 1969:126].

Antillus Vockeroth, 1969:130. Type-species, ascitus Vockeroth (orig. des.). N. SYN.

AENEA (Hull), 1937b:31 (Oligorhina). Type-locality: Haiti, Mt. La Hotte, Desbarrière. Distr. — same. Type ? MCZ. Ref. — Hull, 1949e:222, figs. 142 & 147 (abdomen); Hull, 1949d:288, fig. 9d (head). N. COMB.

AERUGINOSIFRONS (Schiner), 1868:352 (Syrphus). Type-locality: "South America". Distr. — Brazil, Types & Q VMNH*. N. COMB.

ALTA Curran, 1936b:15. Type-locality: Colombia, Popayán. Distr. — Colombia; Ecuador. Type & AMNH*. Ref. — Fluke, 1942:23, fig. 31 (abdomen); Fluke, 1950a:129, fig. 134 (male genitalia).

flavomaculata Hull, 1937a:169. Type-locality: Colombia, Bogotá. Type & USNM.

ALTISSIMA (Fluke), 1942:10, fig. 17 (abdomen) (*Epistrophe*). Type-locality: Ecuador. Type & AMNH*. Ref. — Fluke, 1950a:127, figs. 124 & 130 (male genitalia, as *remigis*).

ANNULIPES (Macquart), 1850:464 (160), pl. 14, fig. 18 (head) (Paragus).

Type-locality: Brazil, Bahia. Distr. — Colombia, Ecuador, Peru, Brazil (Bahia, São Paulo), Bolivia. Type of MNHN*. N. COMB.

scutellata Sack, 1941:99 (1951:95). Type-locality: Peru, Pichis; Bolivia, Mapiri. Type & P MD?. N. SYN.

geminata Fluke, 1942:16, fig. 34 (abdomen). Type-locality: Ecuador, Río Pastaza, Santa Inés. Type 9 AMNH*.

APERTA Fluke, 1942:19, fig. 48 (abdomen). Type-locality: Guyana, Kaieteur, Savannah. Distr. - Surinam, Guyana. Type & AMNH*.

var. NOTATA Doesburg, 1966:64. Type-locality: Surinam, Wilhelmina

Mts., Camp 3. Distr. — same. Types o Doesburg.

ARGENTIPILA (Fluke), 1942:13, fig. 30 (abdomen) (Epistrophe). Typelocality: Ecuador, Oriente, Puyo, 1000 m. Distr. — Ecuador, Peru, Argentina (La Rioja). Type & AMNH*. Ref. — Fluke, 1950a:127, fig. 131 (male genitalia).

ARMILLATA (Fluke), 1942:12, fig. 23 (abdomen), 24 (head) (Epistrophe). Type-locality: Ecuador, Bolivar, Hda. Talahua. Distr. - same. Type & AMNH*. Ref. - Fluke, 1950a:125, fig. 99 (male geni-

talia).

- ASCITA (Vockeroth), 1969:130, fig. 18 (abdomen) (Antillus). Type-locality: Haiti, Desbarrière, Mt. La Hotte, nr. 4000 ft. Distr. - same. Type ? MCZ*. N. COMB.
- BICINCTA (Bigot), 1884b:112 (Mesograpta?). Type-locality: Mexico. Distr. - same. Type ♂ OXF*. N. COMB.
- BILINEATA Enderlein, 1938:220. Type-locality: Argentina, Prov. Buenos Aires. Distr. — same. Type & ZMB?
- BILINEELLA Enderlein, 1938:219. Type-locality: Colombia, "Cordilliere, terra caliente". Distr. — same. Type & ZMB.
- BISINTERRPTA (Enderlein), 1938:210 (Fazia). Type-locality: Colombia, "Cordilliere, terra fria". Distr. - same, Type & ZMB. N. COMB.
- BROWNI Fluke, 1942:17, figs. 41 & 42 (head), 43 (abdomen). Type-locality: Ecuador, Imbabura, Cuicocha, 3200 m. Distr. — same. Type of AMNH*.
- BULLAEPHORA (Shannon), 1927a:25, figs. 8 (head), 10 (wing tip) (Fazia). Type-locality: Chile. Distr. - Ecuador, Chile (Coquimbo - Valdivia). Type & USNM*. Ref. — Fluke, 1942:23, fig. 22 (abdomen).
- COLOMBIA Curran, 1925c:349. Type-locality: Colombia, Sierra Quemada. Distr. — Colombia, Ecuador, Brazil, Argentina (Tucumán, Salta). Type ? CU*. Ref. — Fluke, 1942:12 (redescription), figs. 25 (head), 26 (abdomen); 1950a:129, fig. 135 (male genitalia).
- CUBANA Curran, 1932a:3. Type-locality: "E.E.A. [Estación Experimental Agricola] de Cuba". Distr. U.S.A. (Florida); Bahamas, Cuba. Type of AMNH*. Ref. — Fluke, 1942:24, fig. 39 (abdomen).
- DELIMBATA Enderlein, 1938:224. Type-locality: Colombia, Bogotá. Distr. same. Types & ZMB.
- DUPLOFASCIATA Enderlein, 1938:217. Type-locality: Mexico, Mexico State. Distr. — same. Type & ZMB or DEI.
- EUPELTATA (Bigot), 1884b:91 (Syrphus). Type-locality: "Mexico". Distr. Mexico (Chiapas). Types ♂ OXF*.
- EXOTICA (Wiedemann), 1830:136 (Srphus). Type-locality: "Brazil". Distr. -U.S.A. (Oregon to Nebraska), south to Chile (Antofagasta) and Argentina (Catamarca). Types of 9 VMNH* & ZMB. Ref. -Fluke, 1942:24, fig. 47 (abdomen); 1950a:129, figs. 136 & 138 (male genitalia).

- quadrigemina (Thomson), 1869:500 (Syrphus). Type-locality: Argentina, Buenos Aires. Type $\mbox{\tt $?$}$ NRS*
- fracta Osten Sacken, 1877:331. Type-locality: U.S.A., California, Santa Monica. Type & MCZ.
- skottsbergi Enderlein, 1940:663. Type-locality: Chile, Juan Fernández Islands, Masatierra & Masafuera. Types & P NRS.
- FALCATA Fluke, 1942:16, fig. 36 (abdomen). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Colombia (Putamayo River), Venezuela (Amazonas), Ecuador, Peru (Cuzco), Brazil (Santa Catarina), Argentina (Tucumán). Type & AMNH*.
- FASCIATA Curran, 1932a:4. Type-locality: "Peru". Distr. Ecuador, Peru. Type & AMNH*. Ref. Fluke, 1942:23, figs. 28 (head), 29 (abdomen); 1950a:129, fig. 137 (male genitalia).
- FASCIFRONS (Macquart), 1846:265 (137), pl. 11, fig. 11 (wing) (Syrphus). Type-locality: "Nouvelle Grenade". Distr. same. Type & OXF*. N. COMB.
- FLAVIBUCA Enderlein, 1938:216. Type-locality: "Paraguay". Distr. Colombia, Brazil, Paraguay, Uruguay, Argentina (Buenos Aires, Salta). Types & \$\varphi\$ ZMB.
 - var. Interrupta Enderlein, 1938:216. Type-locality: Uruguay, Montevideo. Types & & ZMB.
- FLAVOPHYLLA (Hull), 1943h:319 (Rhinoprosopa). Type-locality: Peru, Perené Valley. El Campamiento. Distr. same. Type 9 CU. Ref. Hull, 1949d:269, fig. 6b (head); 1949e:222, fig. 146 (abdomen). N. COMB.
- FLUKEI Curran, 1936b:13. Type-locality: Cuba, Oriente, Sierra del Cobre, Loma del Gato. Distr. same. Type & AMNH*.
- FORRERI (Giglio-Tos), 1893:32 (Sphaerophoria). Type-locality: Mexico, Durango, La Ciudad; Solco, Cuernavaca. Distr. same. Types & UTOR*. N. COMB.
- FUNERALIA (Hull), 1944c:27 (*Epistrophe*). Type-locality: Jamaica, New Castle. Distr. same. Type & MCZ.
- FUSCISQUAMA Curran, 1927b:4. Type-locality: Puerto Rico. Ensenada. Distr.
 Puerto Rico, Virgin Islands. Type & AMNH*. Ref. Fluke, 1942:24, fig. 35 (abdomen).
- HARLEQUINA Hull, 1949a:76. Type-locality: Chile, Santiago. Distr. same. Type ${\scriptstyle \mathcal{O}}$ Hull.
- HASTATA Fluke, 1942:17, fig. 37 (abdomen). Type-locality: Brazil, São Paulo. Distr. Peru (Cuzco), Brazil (São Paulo). Type & AMNH*.
- HERMOSA (Hull), 1941f:48 (Fazia). Type-locality: Brazil, São Paulo. Distr.

 Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Type & Hull. Ref. Fluke, 1942:8 (redescription), fig. 14 (abdomen); 1950a:125, fig. 110 (male geintalia).
 - brunneola Frey, 1946:170 (Neoscaeva; as aeruginosifrons var.) Typelocality: Brazil, Rio de Janeiro, Niterói. Type ? UZMH*. N. SYN.
- HIANS (Enderlein), 1938:213 (Chasmia). Type-locality: Mexico, Guadalajara. Distr. same. Type & ZMB. N. COMB.
- HORTENSIS (Philippi), 1865:746 (Syrphus). Type-locality: Chile, Santiago, Valdivia. Distr. Peru, Chile (Coquimbo Magallanes), Argentina (Neuquén). Type(s)? MNHNS. Ref. Shannon, 1927a:24 (redescription); Shannon & Aubertin, 1933:131, figs. 24a & b (heads), 25a (abdomen); Fluke, 1942:24, fig. 50 (abdomen).

- var. BIMACULATA Enderlein, 1938:223. Type-locality: Chile, Comudes. Type & ZMB.
- var. QUADRIMACULATA Enderlein, 1938:223. Type-locality: Chile, Comudes. Types & ZMB.
- IMITATOR (Curran), 1925c:351 (*Epistrophe*). Type-locality: Colombia, Vista Nieve, San Lorenzo Mt. Distr. Colombia, Ecuador, Bolivia. Type & CU*. Ref. Fluke, 1942:23, figs. 20 (head), 21 (abdomen).
- LATIFACIES (Shannon), 1927a:8 (Claraplumula). Type-locality: Peru, Tincochaca, 7000 ft. Distr. Ecuador, Peru. Type & USNM*. Ref. Fluke, 1942:22, figs. 4 (head), 5 (abdomen); 1950a:127, figs. 127 & 125 (male genitalia); Vockeroth, 1969:165, fig. 86 (male genitalia).
- LIMBATA (Fabricius), 1805:251 (Scaeva). Type-locality: "Americae Insulis".

 Distr. West Indies, Brazil (São Paulo, Paraná). Type & MC.
- LUCIFERA (Hull), 1943m:216 (Rhinoprosopa). Type-locality: Ecuador, Pinas, 1600 ft. Distr. same. Type & AMNH*. Ref. Hull, 1949e:222, fig. 141 (abdomen). N. COMB.
- LUNA (Fluke), 1942:8, figs. 12 (abdomen), 13 (head) (*Epistrophe*). Typelocality: Ecuador, Tungurahua, Volcan Tungurahua, Minza Chica. Distr. Ecuador. Type of AMNH*. Ref. Fluke, 1950a:129, fig. 139 (male genitalia).
- MACQUARTI (Blanchard), 1852:411 (Syrphus). Type-locality: Chile, Serena.

 Distr. Chile (Santiago Malleco), Argentina (Tucumán, La Rioja, Mendoza). Type(s) ? MNHN.
 - australis Shannon, 1927a:26, fig. 7 (head) (Fazia). Type-locality: "Chile". Type & USNM.
- MEXICANA (Enderlein), 1938:212 (Fazia). Type-locality: "Mexico". Distr. same. Type \circ ZMB.
- MICRURA (Osten Sacken), 1877:330 (Sphaerophoria). Type-locality: U.S.A., California, The Geysers, Sonoma County; San Rafael; Brooklyn, near San Francisco. Distr. U.S.A. (California, Washington, Texas); Mexico (Durango, Mexico City), Guatemala, Honduras, Ecuador. Types & MCZ. Ref. Fluke, 1942:23, fig. 32 (abdomen); 1950a:129, fig. 140 (male genitalia).
 - picticauda Bigot, 1884b:102 (Sphaerophoria). Type-locality: Mexico. Types & POXF*.
- MU (Bigot), 1884b:105 (Mesograpta?). Type-locality: "Mexico". Distr. same. Type \(\text{OXF} \)*.
- MUNOZI Enderlein, 1938:222. Type-locality: Colombia, Bogotá. Distr. same. Type & ZMB.
- NASIGERA (Enderlein), 1938:212 (Fazia). Type-locality: "Colombia". Distr. Colombia. Types $\sigma \circ \Sigma$ ZMB. N. COMB.
- NASUTA (Bigot), 1884b:103 (Sphaerophoria). Type-locality: "Mexico". Distr. Mexico (Durango, Chiapas). Type & OXF*. N. COMB. nasuta Bigot, 1888:253 (Sphaerophoria; preocc. Bigot. 1884). Type-locality: "Mexico". Type & OXF*. N. SYN.
- NEOTROPICA Curran, 1936b:14. Type-locality: Colombia, Popayán. Distr. Colombia, Ecuador, Brazil (São Paulo, Santa Catarina), Argentina (Tucumán). Type & AMNH*. Ref. Fluke, 1942:24, fig. 49 (abdomen); 1950a:128, fig. 41 (male genitalia).
- OBLIQUA (Say), 1823:89 (Scaeva). Type-locality: "United States". Distr. Canada (Quebec) west to U.S.A. (Oregon), south to Brazil (Santa Catarina). Type(s)? lost. Ref. Fluke, 1942:24, fig. 46 (abdomen); Vockeroth, 1969:165, fig. 85 (male genitalia).

var. Dejongi Doesburg, 1958:44. Type-locality: "Curação". Distr. —

same. Type & Doesburg.

PIURANA Shannon, 1927a:9, fig. 4 (abdomen). Type-locality: Peru, Dept. Piura. Distr. — Peru, Chile. Type 9 USNM*. Ref. — Fluke, 1950a:129, fig. 143 (male genitalia).

chilensis Sack, 1941:98 (1951:94), fig. 1 (abdomen). Type-localities: Peru, Ica, Laguna Victoria near Ica, Yaucatal near Ica, Huayuri;

Chile, Types & PMD? N. SYN.

PLAUMANNI (Frey), 1946:168 (Microsphaerophoria). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same, Type & UZMH*.

PULCHRA Shannon, 1927a:25. Type-locality: Chile, Angol. Distr. — Chile (Coquimbo — Malleco). Type & USNM*. Ref. — Shannon & Aubertin, 1933:132, figs. 24a' & 24b' (head), 25b (abdomen); Fluke, 1942:24, fig. 51 (abdomen).

var. BIFASCIATA Enderlein, 1938:222. Type-locality: Chile, "Rango-Talin den Cordilleren, Parral-Tal". Types & Ş ZMB.

var. NIGRIBUCCA Enderlein, 1938:222. Type-locality: Chile. "Rango-Tal, Bäder von Longavi, Parral, Cauquenes." Types 9 ZMB.

var. SHANNONI Enderlein, 1938:222. Type-locality: Chile, "Rango-Tal in den Cordilleren." Type \(\frac{2}{2} \text{MB}. \)
QUADRICINCTA Enderlein, 1938:214. Type-locality: Colombia, Bogotá. Distr.

- same. Types ? ZMB.

REMIGIS (Fluke), 1942:9, fig. 15 (abdomen) (Epistrophe). Type-locality: Ecuador, Volcan Tungurahua, Minza Chica. Distr. - same. Type of AMNH*. Ref. — Fluke, 1950a:124, fig. 97 (male genitalia as altissimus).

RHINA Thompson (nom. nov. for nasuta Enderlein). Distr. — Paraguay. NOM. NOV.

nasuta Enderlein, 1938:214 (Chasmia; preocc. Bigot, 1884, 1888). Type-locality: Paraguay. Type \circ ZMB or DEI.

ROBINSONIANA Enderlein, 1940:664. Type-locality: Chile, Juan Fernández Islands, Masatierra. Distr. — same. Types & P NRS.

ROBURORIS (Fluke), 1942:11, figs. 18 (abdomen), 19 (head) [Epistrophe (Fazia)]. Type-locality: Ecuador, Bolivar, Hda. Talahua. Distr. —

Ecuador, Argentina (Tucumán). Type & AMNH*. ROSTRATA (Bigot), 1884b:102 (Sphaerophoria). Type-locality:

Distr. — same. Types 9 OXF*. N. COMB.
SAUSSURII (Giglio-Tos), 1892d:2 (Syrphus). Type-locality: Mexico, Orizaba. Distr. — same. Type & UTOR*. N. COMB.

SCHOENEMANNI Enderlein, 1938:225. Type-locality: Chile, Cauquenes.

Distr. - same. Type 9 ZMB.

SIMILIS Curran, 1925c:350. Type-locality: Colombia, Vista Nieve. Distr. — Colombia, Brazil (São Paulo, Santa Catarina), Argentina (Tucumán). Type 9 CU*. Ref. — Fluke, 1942:23, fig. 27 (abdomen); 1950a:129, fig. 144 (male genitalia).

SPLENDENS (Thomson), 1869:501 (Syrphus). Type-locality: Galápagos. Distr. — same. Types σ ? NRS*.

STRIGIFACIES (Enderlein), 1938:211 (Fazia). Type-locality: "Brazil". Distr. -- same. Types of 9 ZMB. N. COMB.

SYCORAX (Hull), 1947b:239 (Rhinoprosopa). Type-locality: Costa Rica, La Suiza. Distr. — Costa Rica, Colombia, Venezuela. Type 🕹 USNM.

SYRPHICA (Giglio-Tos), 1892d:2 (Sphaerophoria). Type-locality: Mexico, Orizaba. Distr. - same. Type of UTOR*. N. COMB. Ref. - Giglio-Tos, 1893:fig. 5 (abdomen), 5a (head).

surphica, Fluke, 1956:216, misspelling.

- Ref. Hull 1949e:222, 270, figs. 149 (abdomen), 344 (wing). N. COMB.
- TECTIFORMA Fluke, 1942:18, fig. 45 (abdomen). Type-locality: Ecuador, Imbabura. Cuicocha, 3200 ft. Distr. Ecuador. Type & AMNH*. Ref. Fluke, 1950a:129, fig. 145 (male genitalia).
- TELIGERA Fluke, 1942:18, fig. 44 (abdomen). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Ecuador, Brazil (Santa Catarina). Type \(\begin{array}{c} \text{AMNH*}. \end{array} \)
- TRANSVERSA (Hull), 1943f:32 (Sphaerophoria). Type-locality: U.S.A., Oregon, near Portland. Distr. U.S.A. (Oregon south to Texas); Mexico. Type & Hull.
- TRIBINICINCTA Enderlein, 1938:224. Type-locality: Paraguay, San Bernardino. Distr. same. Type & ZMB or DEI.
- TRIFASCIATA Enderlein, 1938:218. Type-locality: "Mexico". Distr. same. Type $\,^{\circ}$ ZMB.
- TRILIMBATA (Bigot), 1888:253 (Sphaerophoria). Type-locality: Mexico. Distr. same. Type & OXF*. N. COMB.
- TUCUMANA Enderlein, 1938:220. Type-locality: Argentina, Prov. Tucumán. Distr. same. Type & ZMB.
- venusta Curran, 1927b:5. Type-locality: Virgin Islands, St. Croix, Blessing Estate, near Krause Lagoon in south central part of island. Distr. U.S.A. (Florida); Puerto Rico, Virgin Islands. Type & AMNH*. Ref. Fluke, 1942:24, fig. 38 (abdomen).
- WILLISTONI (Giglio-Tos), 1893:31, figs. 6 (head), 6a (abdomen) (Sphaero-phoria). Type-locality: Mexico, Orizaba. Distr. same. Types & P UTOR*. N. COMB.

Genus Sphaerophoria Lepeletier & Serville

- SPHAEROPHORIA Lepeletier & Serville, in Latreille et al., 1828:513. Typespecies, Musca scripta Linnaeus (Rondani, 1844:458).
- Melithreptus Loew, 1840:577 (unjustified nom. nov. for Sphaerophoria; preocc. Vieillot, 1816). Type-species, Musca scripta Linnaeus (aut.).
- Melitropus Haliday, 1856:xxi (nom. nov. for Melithreptus Loew). Typespecies, Musca scripta Linnaeus (aut.).
- CONTIGUA Macquart, 1847:78 (62). Type-locality: U.S.A., Pennsylvania, Philadelphia. Distr. Canada (British Columbia to New Brunswick), south to U.S.A. (Florida) and Mexico. Type & OXF*.
 - cylindrica Say, 1824:pl. 11 (habitus) (Syrphus; preocc. Fabricius, 1781). Type-locality: U.S.A., Pennsilvania, Philadelphia, Type(s) ? lost.
 - fulvicauda Bigot, 1884b:104. Type-locality: Mexico. Type & OXF*.
- PYRRHINA Bigot, 1884b:101. Type-locality: U.S.A., California. Distr. U.S.A. (Idaho, California, Utah); Mexico [Wirth et al., 1965:570]. Type & OXF.
 - guttulata Hull, 1942h:20. Type-locality: U.S.A., Idaho, Black Foot. Type $\,^{\circ}$ Hull.
- SULPHURIPES (Thomson), 1869:500 (Syrphus). Type-locality: California. Distr. U.S.A. (Alaska, southeast to Nebraska), south to Mexico, Ecuador? (specimen in BM(NH)*. Type & NRS*. pachypyga Bigot, 1884b:104. Type-locality: Mexico. Type & OXF*.

UNRECOGNIZED SYRPHINI

Genus Allograptina Enderlein

- ALLOGRAPTINA Enderlein, 1938:226. Type-species, octomaculata Enderlein (orig. des.).

Unplaced species

- AUROPULVERATUS Macquart, 1842:159 (99) (Syrphus). Type-locality: "Chile". Type & MNHN (lost?) [label but no specimen in Macquart Collection at Paris JRV].
- BASALIS Walker, 1837:345 (Syrphus). Type-locality: Brazil, St. Paul Island. Type ? BM(NH).
 - basilaris, Williston, 1886:328, misspelling.
- CHIQUITENSIS Macquart, 1850:458 (154) (Syrphus). Type-locality: Bolivia, Chiquitos. Type 9 MNHN (lost?) [label but no specimen in Macquart Collection at Paris JRV].
- COLLUDENS Walker, 1860:293 (Syrphus). Type-locality: "Mexico". Type $^{\circ}$ BM(NH).
- COLUMBIANUS Rondani, 1863:11 (Syrphus). Type-locality: "Colombia". Type \S MIZUN?
- DECEMMACULATUS Rondani, 1863:12 (Syrphus). Type-locality: "Chile". Type \S MIZUN?
- Delineatus Macquart, 1846:267 (139) (Syrphus). Type-locality: "Mexico". Type $\mbox{$^{\circ}$}$ MRHNB.
- DISPAR Fabricius, 1794:309 (Syrphus). Type-locality: "America meridionalis". Types & \varphi KIEL (Destroyed Zimsen, 1964:481).
- EXCAVATUS Rondani, 1850:359 (Syrphus). Type-locality: South America, Río Napo. [Ecuador]. Type 9 MCSNH?
- FASCIVENTRIS Rondani, 1850:360 (Syrphus). Type-locality: South America, Río Napo, [Ecuador]. Type \circ MCSNM?
- FLAVIGASTER Hull, 1944d:51 (Syrphus). Type-locality: "South America, Amazons". Type 9 BM(NH).
- FUSCANIPENNIS Macquart, 1846:264 (136) (Syrphus). Type-locality: "Brazil". Type & OXF?
- INANIS Fabricius, 1775:763 (Syrphus). Type-locality: "America". Type & KIEL.
 - exinanita Gmelin, 1790:2867 (Musca; nom. nov. for inanis Fabricius).
- NIGRITUS Fabricius, 1781:427 (Syrphus). Type-locality: "Jamaica". Type?? jamaicensis Gmelin, 1790:2871 (Musca; nom. nov. for nigritus Fabricius).
- PLURIMACULATUS Rondani, 1863:12 (Syrphus). Type-locality: "Amer. Meridion.". Type & MIZUN?
- PUNCTATUS Macquart, 1842:152 (92) (Syrphus). Type-locality: "Chile". Type $\mbox{$\mathbb{P}$}$ MNHN [not found JRV].
- RADIATUS Bigot, 1857:805 (Syrphus). Type-locality: Cuba. Type ? BM(NH)? [not at OXF JRV].
- RONDANII Goot, 1964:215 (Syrphus; nom. nov. for albitarsis Rondani).

 Distr. Brazil, São Paulo, Ilha de São Sebastião. (S. Sebastiani Island).
 - albitarsis Rondani, 1850a:166, fig. 3 (wing) (Syrphus; preocc. Meigen,

1822). Type-locality: Brazil, São Paulo, Ilha de São Sebastião (S. Sebastiani Island). Type UTOR.

vertebratus Rondani, 1863:10 (Syrphus). Type-locality: "Chiie". Type $\stackrel{\circ}{\circ}$ MIZUN?

Tribe CHRYSOTOXINI

Genus Chrysotoxum Meigen

Antiopa Meigen, 1800:32. Type-species, Musca bicincta Linnaeus (Coquillett, 1910a:508). Suppressed by I.C.Z.N., 1963:339.

CHRYSOTOXUM Meigen, 1803:275. Type-species, *Musca bicincta* Linnaeus (Latreille,, 1810:443). Ref. — Shannon, 1926b (rev.).

Subgenus Primochrysotoxum Shannon

Chrysotoxum, subg. PRIMOCHRYSOTOXUM Shannon, 1926b:5. Type-species, Chrysotoxum ypsilon Williston (orig. des.).

AZTEC Shannon, 1926b:8. Type-locality: Mexico, Chihuahua, Sierra Madre, 7300 ft. Distr. — same. Type & USNM.

INTEGRE Williston, 1887:16. Type-locality: U.S.A., Arizona. Distr. — Canada (British Columbia) to U.S.A. (Idaho), south to Mexico (N. Sonora). Type 9 USNM. Ref. — Shannon, 1926b:11 (descriptive notes).

Tribe PARAGINI

Genus Paragus Latreille

PARAGUS Latreille, 1804:194. Type-species, Syrphus bicolor Fabricius (mon.).

Subgenus Pandasyopthalmus Stuckenberg

PANDASYOPTHALMUS Stuckenberg, 1954:100. Type-species, Paragus longiventris Loew (orig. des.).

TIBIALIS (Fallén), 1817:60 (*Pipiza*). Type-locality: "Vestrogothia; Scaniae".

Distr. — Holarctic, ?Africa, ?Australia, ?Oriental; Mexico.

Type ? ?

Tribe MELANOSTOMATINI

Ref. — Fluke, 1945 (rev., keys); Fluke, 1958 (male genitalia).

Genus Carposcalis Enderlein

CARPOSCALIS Enderlein, 1938:199. Type-species, Syrphus stegnus Say (orig. des.).

BERTRANDI (Austen), 1913:498 (Melanostoma). Type-locality: East Falkland Island. Distr. — Falkland Islands. Types & BM(NH)*. N. COMB.

CHAETOPODA (Davidson), 1922:35 (Melanostoma). Type-locality: U.S.A., California, Alhambra. Distr. — U.S.A. (California, Colorado); Mexico (Mexico City). Type & USNM. Ref. — Fluke, 1945:27, figs. 19 (head), 56 (front tibia of male); 1958:273, figs. 49 & 50 (male genitalia).

CHALCONOTA (Philippi), 1865:747 (Syrphus). Type-locality: Chile, Santiago.

- Distr. Colombia (Bogotá), Ecuador, Chile, Argentina (Río Negro, Tierra del Fuego). Type(s) ? MNHNS. Ref. Fluke, 1945:15 (redescription), figs. 22 (head), 23 (antenna), 38 (abdomen); 1958:273, figs. 51 & 52 (male genitalia).
- ECUADORIENSIS (Fluke), 1945:16, figs. 25 (head), 59 (front tibia of male) [Melanostoma (Carposcalis)]. Type-locality: Ecuador, Imbabura, Cuicocha. Distr. same. Type & AMNH*. Ref. Fluke, 1958: 273, figs. 59 & 60 (male genitalia); Hull, 1949d:289, fig. 10c (head).
- EDWARDSI (Shannon & Aubertin), 1933:133 (Melanostoma). Type-locality: Argentina, Bariloche. Distr. same. Type & BM(NH)*. N. COMB.
- FENESTRATA (Macquart), 1842:163 (103), tab. 17, fig. 6 (habitus), 6a (head) (Syrphus). Type-locality: "Chile". Distr. Mexico (Durango, Guerrero), Brazil (Rio de Janeiro), Chile (Santiago to Magallanes), Paraguay, Argentina (Tucumán, Buenos Aires, Mendoza, Neuquén, Río Negro, Chubut, Tierra del Fuego). Types \(\foatign \text{MNHN*}. \)
 Ref. Fluke, 1945:15 (descriptive notes), figs. 21 (head), 57 (male front tibia); Fluke, 1958:273, figs. 56 & 64 (male genitalia).
 - ?producta Macquart, 1850:458 (154), tab. 14, fig. 13 (head) (Syrphus). Type-locality: Chile. Types σ MNHN*.
- INFLATIFRONS (Fluke), 1945:21, fig. 31 (head) (Melanostoma). Type-locality: Ecuador, Bolivar, Hda. Talahua. Distr. same. Type $^{\circ}$ AMNH*. Ref. Fluke, 1958:273, figs. 55 & 63 (male genitalia).
- LUNDBLADI Enderlein, 1940:665. Type-locality: Chile, Juan Fernández Islands, Masatierra. Distr. same. Type ? NRS. Ref. Fluke. 1958:273, figs. 61 & 62 (male genitalia).
- MEYERI (Fluke), 1945:17, fig. 24 (head) (Melanostoma). Type-locality: Mexico, Mexico City. Distr. same. Type ? AMNH*. N. COMB.
- PUNCTULATA (Wulp), 1888:375 (Melanostoma). Type-locality: Argentina, Córdoba. Distr. Ecuador, Peru, Brazil (São Paulo), Bolivia, Chile, Argentina (Tucumán, Catamarca, La Rioja, Jujuy, Mendoza, Buenos Aires, Río Negro, Neuquén). Types & \$\varphi\$ lost? Ref. Fluke, 1945:14 (redescription), figs. 20 (head), 58 (front tibia of male); 1958:275, figs. 67 & 68 (male genitalia).
- REYNOLDSI (Shannon & Aubertin), 1933:134 (*Melanostoma*). Type-locality: Tierra del Fuego, Río Grande, Estancia Viamonte. Distr. — same. Types & P BM(NH)*. N. COMB.
- SALTANA Enderlein, 1938:200. Type-locality: Argentina, Salta, 2500 m. Distr. Ecuador, Argentina (Salta, Buenos Aires, Río Negro). Type & ZMB.
- SCUTIGERA (Fluke), 1945:20, fig. 30 (head) (*Melanostoma*). Type-locality: Ecuador, Pichincha, Uyumbicho. Distr. same. Type & AMNH*. N. COMB.
- STEGNA (Say), 1829:163 (Syrphus). Type-locality: "Mexico". Distr. Canada (British Columbia) to U.S.A. (Montana), south to Mexico (Durango, Guerrero, Vera Cruz). Type ? lost. Ref. Fluke, 1945:14, figs. 18 (head), 55 (front tibia of male); 1958:275, figs. 73 & 74 (male genitalia).
- WALKERI (Lynch Arribálzaga), 1892b:117 (1892c:75) (Syrphus, nom. nov. for unicolor Walker). N. COMB.
 - unicolor Walker, 1837:344 (Syrphus; preocc. Macquart, 1829). Typelocality: Argentina. Port Famine, Straits of Magellan. Type ? BM(NH)*. N. COMB.

Genus Melanostoma Schiner

MELANOSTOMA Schiner, 1860:213. Type-species, Musca mellina Linnaeus orig. des.).

BELLUM Giglio-Tos, 1892d:3. Type-locality: "Mexico". Distr. — same. Types 9 UTOR*. Ref. — Giglio-Tos, 1893: fig. 7 (abdomen), 7a (head).

CRUCIATUM Bigot, 1884b:81. Type-locality: "Mexico". Distr. — same. Type & OXF*.

DUBIUM (Zetterstedt), 1838:609 (Scaeva). Type-locality: Sweden, Torne Lappmark, Juckasjärvi. Distr. — Europe; U.S.A. (Utah, Colorado); Mexico? (Wirth, et al., 1965:575). Type ? ZML (Andersson, 1970:239, lectotype designation).

MELLINUM (Linnaeus), 1758:594 (Musca). Type-locality: "Europe". Distr.
— Holarctic; Mexico? [Williston, 1891:11], Argentina? [Macquart, 1850:456 (152)]. Types \(\foatign \) LSL*. Ref. — Williston, 1887b:49

(redescription), pl. 3, fig. 9 (head).

PICTIPES Bigot, 1884b:78. Type-locality: U.S.A., California. Distr. — Canada (British Columbia east to Nova Scotia), south to Mexico (Mexico City, Guerrera). Types & OXF*.

pruinosa Bigot, 1884b:79. Type-locality: U.S.A., California. Type & OXF.

Genus Rhysops Williston

RHYSOPS Williston, 1907:2. Type-species, *Melanostoma rugosonasus* Williston (Coquillett, 1910a:601, as *rugonasus* Williston).

Braziliana Curran, 1925b:252. Type-species, Melanostoma longicornis Williston (orig. des.) = longicornis Walker.

AGONIS (Walker), 1849:588 (Syrphus). Type-locality: Galápagos Islands. Distr. — same. Type & BM(NH)*. N. COMB.

ALTISSIMUS (Fluke), 1945:20, figs. 48 & 49 (abdomen) (*Melanostoma*).

Type-locality: Ecuador, Imbabura, Cuicocha. Distr. — Ecuador, Colombia. Type & AMNH*. Ref. — Fluke, 1958:277, figs. 95 & 96 (male genitalia).

BERTHAE* Lima, 1946:155, figs. 1 (head), 2 (abdomen), 3 (wing). Type-locality: Brazil, Rio de Janeiro. Distr. — same. Type & ENA.

BOLIVARIENSIS (Fluke), 1945:19, figs. 29 (head), 45 (abdomen) (*Melanostoma*). Type-locality: Ecuador, Bolivar, Hda. Talahua. Distr. — same. Type & AMNH*. Ref. — Fluke, 1958:277, figs. 97 & 98 (male genitalia).

BROWNI (Fluke), 1945:18, figs. 27 (antenna), 28 (head), 44 (abdomen) (Melanostoma). Type-locality: Ecuador, Bolivar, Hda. Talahua. Distr. — same. Type & AMNH*. Ref. — Fluke, 1958:277, figs.

107 & 108 (male genitalia).

CATABOMBA (Williston), 1891:12 (Melanostoma). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft.; Amula, 6000 ft. Distr. — same. Types & BM(NH)* & AMNH*. Ref. — Fluke, 1945:5 (redescription), fig. 2 (head).

COLUMBIANUS (Enderlein), 1938:202 (Braziliana). Type-locality: Colombia, "Cordillera, tierra templada". Distr. — same. Types & \$\varphi\$ ZMB.

CRENULATUS (Williston), 1891:12, pl. 1:5 (habitus), 5a+b (head) (*Melanostoma*). Type-locality: Mexico, Guerrero, Xucumanatlán, 7000 ft.; Omiltemi, 8000 ft. Distr. — same. Types & P BM(NH)* & AMNH*. Ref. — Fluke, 1945:5, fig. 3 (head).

CURRANI Fluke, 1937:8, fig. 10 (abdomen). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. Ref. — Fluke, 1945:9 (redescription), fig. 10 (head); 1958:277, figs. 101 & 102 (male genitalia).

FASTIGATUS Fluke, 1945:4, figs. 4 (head), 37 (abdomen). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Tucumán). Type & AMNH*. Ref. — Fluke, 1958:277, figs. 99 & 100 (male genitalia).

FESTIVUS Fluke, 1945:10, figs. 13 (head), 42 (abdomen). Type-locality: Ecuador, Tungurahua, Baños, 1800 ft. Distr. — same. Type of

AMNH*.

FUNEREUS Hull, 1949a:74. Type-locality: Brazil, Santa Catarina, Nova

Teutônia. Distr. — same. Type & Hull.

LANEI (Fluke), 1936:61, figs. 4 (abdomen), 5 (head) (Melanostoma). Type-locality: Brazil, São Paulo. Distr. — Brazil (São Paulo, Santa Catarina), Argentina (Formosa, Salta, Tucumán). Type 🕹 AMNH*. Ref. — Fluke, 1945:26, fig. 14 (head); 1958:277, figs. 103 & 104 (male genitalia).

lachrymellea Hull, 1942b:10. Type-locality: Brazil, São Paulo. Type &

Hull.

LINEATUS (Fluke), 1937:9, fig. 11 (abdomen) (Melanostoma). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type AMNH*. Ref. — Fluke, 1945:7, fig. 7 (head); 1958:277, figs. 105

& 106 (male genitalia).

LONGICORNIS (Walker), 1837:343 (Pipiza). Type-locality: "South America". Distr. — Guatemala, Colombia, Ecuador, Brazil (Mato Grosso, Santa Catarina), Paraguay. Type 9 BM(NH)*. Ref. — Fluke, 1945:3, fig. 1 (head); 1958:269, 279, figs. 4, 14, 133 (male genitalia). N. COMB.

longicornis Williston, 1888:263 (Melanostoma; preocc. Walker, 1837). Type-locality: Brazil, Mato Grosso, Chapada. Types ♂ ♀ AMNH*.

N. SYN.

vittithorax Hull, 1937a:176, fig. 9 (head) (Braziliana). Type-locality: Guatemala, Antigua. Type 9 USNM.

LOPESI Fluke, 1945:6, fig. 5 (head). Type-locality: Brazil, São Paulo, São José dos Campos. Distr. - same. Type ? AMNH*.

LUCULENTUS (Fluke), 1945:17, figs. 26 (head), 46 (abdomen) (Melanostoma). Type-locality: Ecuador, Tungurahua, Baños. Distr. — same. Type & AMNH*. N. COMB.

MACULATUS (Walker), 1852:220 (Paragus). Type-locality: "Brazil". Distr. -Brazil (Santa Catarina), Argentina (Tucumán). Type 9 BM(NH)*. Ref. — Fluke, 1958:279, figs. 109 & 110 (male genitalia). N. COMB.

minuscula Fluke, 1945:11, figs. 16 (head), 17 (antenna), 47 (abdomen). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type & AMNH*. N. SYN.

discretum Frey, 1946:157 (Melanostoma). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type & UZMH*. N. SYN.

MELANOCERA (Williston), 1891:13 (Melanostoma). Type-locality: Costa Rica, Río Sucio. Distr. — same. Types ? BM(NH).

NEOTROPICUS (Curran), 1937:4 (Melanostoma). Type-locality: Brazil, São Paulo, Distr. — Brazil (São Paulo, Santa Catarina), Argentina (Misiones). Type of AMNH*. Ref. — Fluke, 1958:279, figs. 117 & 118 (male genitalia).

columella Fluke, 1945:8, figs. 9 (head), 39 & 40 (abdomen). Typelocality: Brazil, Santa Catarina, Nova Teutônia. Type & AMNH*.

- NIGRANS Fluke, 1945:8, fig. 8 (head). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr.— Brazil (São Paulo, Santa Catarina).

 Type \$\Pi\$ AMNH*. Ref. Fluke, 1958:279, figs. 111 & 112 (male genitalia).
- opacus Fluke, 1945:10, fig. 15 (head). Type-locality: Ecuador, Chimborazo, Urbina, Cerro Chimborazo. Distr. same. Type & AMNH*. Ref. Fluke, 1958:279, figs. 115 & 116 (male genitalia).
- PERUVIANUS (Shannon), 1927a:7 (Braziliana). Type-locality: Peru, Río Charape. Distr. same. Type & USNM.
- POLLINOSUS Hull, 1942b:10. Type-locality: Brazil, São Paulo. Distr. Brazil (São Paulo), Argentina (Tucumán). Type ? Hull. Ref. Fluke, 1945:26, fig. 11 (head); 1958:279, figs. 113 & 114 (male genitalia).
- PRAEUSTUS (Loew), 1866a:155 (1872b:29) (Syrphus). Type-locality: Cuba. Distr. same. Type $\,^{\circ}$ MCZ*. N. COMB.
- QUADRIMACULATUS Hull, 1944c:28. Type-locality: Cuba, Wright. Distr. Cuba, Dominican Republic. Type & MCZ*. Ref. Fluke, 1945:9 (redescription), figs. 12 (head), 41 (abdomen).
- REX (Fluke), 1945:21, figs. 32 (head), 50 (abdomen) (*Melanostoma*).

 Type-locality: Ecuador, Bolivar, Hda. Talahua. Distr. same.

 Type & AMNH*. Ref. Fluke, 1958:277, figs. 93 & 94 (male genitalia).
- RUGOSONASUS (Williston), 1891:13 (*Melanostoma*). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft. Distr. Mexico (Mexico City, Guerrero). Type \(\begin{array}{c} & BM(NH)*. & Ref. Fluke, 1945:7 (redescription), fig. 6 (head); 1958:269, 279, figs. 6, 15 & 130 (male genitalia).
 - rugonasus, Aldrich, 1905:361; Williston, 1907:2, Coquillett, 1910a:601, misspellings.
- SCITULUS (Williston), 1888:264 (*Melanostoma*). Type-locality: Brazil, Mato Grosso, Chapada. Distr. same. Types & AMNH*. Ref. Fluke, 1945:7 (redescription), figs. 43 (abdomen), 54 (wing).
- THIEMEI (Enderlein), 1938:201 (Braziliana). Type-locality: Colombia. "Cordillera, tierra templada". Types & ZMB.
- TROPICUS (Curran), 1937:3 (Melanostoma). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. Ecuador, Brazil (São Paulo), Argentina (Tucumán). Type & AMNH. N. COMB.

Genus Xanthandrus Verrall

- XANTHANDRUS Verrall, 1901:316. Type-species, Musca comptus Harris (Coquillett, 1910a:620). Ref. Fluke, 1937 (key).
- BIGUTTATUS Hull, 1945b:73. Type-locality: Paraguay, Molino-Cué. Distr. same. Type 💡 MCZ*.
- BUCEPHALUS (Wiedemann), 1830:126 (Syrphus). Type-locality: "Brazil". Distr. Peru, Brazil (São Paulo). Type & ZMB. Ref. Fluke, 1958:279, figs. 119 & 120 (male genitalia).
- CUBANUS Fluke, 1936:63, figs. 6 (abdomen), 7 (head). Type-locality: Cuba, Sierra del Cobra, Loma del Gato, 2600-3325 ft. Distr. Cuba, Puerto Rico. Type & AMNH*.
 - nigripes Loew, 1866a:155 (1872b:29). (Syrphus, preocc. Meigen, 1822). Type-locality: "Cuba". Type & MCZ*. N. SYN.
 - loewi Gott, 1964:215 (Syrphus; unjustified nom. nov. for nigripes Loew). N. SYN.
- FLAVOMACULATUS Shannon, 1927a:6. Type-locality: Bolivia, Beni, Rurrena-

baque. Distr. — same. Type & USNM. Ref. — Fluke, 1937:5, fig. 7 (abdomen).

MELLINOIDES (Macquart), 1846:265 (137) (Syrphus). Type-locality: "Colombia". Distr. — Mexico, Colombia, Venezuela. Type & OXF*. N. COMB.

euceratus Bigot, 1884b:82 (Melanostoma?). Type-locality: Colombia, Bogotá. Type & OXF*. N. SYN.

MEXICANUS Curran, 1930f:9. Type-locality: Mexico, Yucatán, Chichén Itzá. Distr. — U.S.A. (Texas); Mexico (Chiapas, Yucatán), Costa Rica. Type ♀ AMNH*.

NITIDULUS Fluke, 1937:7, fig. 8 (abdomen). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Jujuy, Salta). Type & AMNH*. Ref. — Fluke, 1958:279, figs. 121 & 122 (male genitalia).

PALLIATUS (Fluke), 1945:22, figs. 33 (head), 35 (antenna), 51 & 52 (abdomen) (*Melanostoma*). Type-locality: Ecuador, Tungurahua, Minza Chica. Distr. — same. Type Q AMNH*. N. COMB.

PLAUMANNI Fluke, 1937:8, fig. 4 (abdomen). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type ? AMNH*.

QUADRINOTATUS (Bigot), 1884b:77 (Melanostoma?). Type-locality: "Mexico".

Distr. — same. Type ? OXF*. N. COMB.

SIMPLEX (Loew), 1861:40 (Syrphus). Type-locality: "Cuba". Distr. — same. Type ? MCZ*. N. COMB.

SMITHI (Goot), 1964:215 (Syrphus; nom. nov. for albomaculatus Smith).

Distr. — Galápagos Islands.

albomaculatus Smith, 1877:84 (*Syrphus*; preocc. Macquart, 1842).

Type-locality: Ecuador, Galápagos Islands, Charles Island. Type?

BM(NH) [not found — JRV].

Genus Talahua Fluke

Melanostoma, subg. Talahua Fluke, 1945:22. Type-species, fervidum Fluke (orig. des.).

FERVIDA (Fluke), 1945:23, figs. 34 (head), 35 (male genitalia), 53 (abdomen) (*Melanostoma*). Type-locality: Ecuador, Bolivar, Hda. Talahua. Distr. — same. Type & AMNH*. Ref. — Fluke, 1958:279, fig. 123 (male genitalia).

Genus Tuberculanostoma Fluke

TUBERCULANOSTOMA Fluke, 1943:425. Type-species, antennatum Fluke (orig. des.). Ref. — Fluke, 1943 (key).

ANTENNATUM Fluke, 1943:426, figs. 1 & 2 (head), 3 (antenna). Typelocality: Ecuador, Bolivar, Hda. Talahua, 3100 ft. Distr. — Ecuador. Type & AMNH*. Ref. — Fluke, 1958:279, figs. 124 & 125 (male genitalia).

BROWNI Fluke, 1943:429, figs. 7 (head), 8 (front femur and tibia). Typelocality: Ecuador, Chimborazo, Cerro Chimborazo, Urbina, 3650 ft. Distr. — Ecuador. Type & AMNH*.

CILIUM Fluke, 1943:428, figs. 4 & 5 (head). Type-locality: Ecuador, Tungurahua, Volcán Tungurahua, Minza Chica, 3200 ft. Distr. — same. Type & AMNH*.

PECTINIS Fluke, 1943:430, figs. 6 (head), 9 (front femur). Type-locality: Ecuador, Bolivar, Hda. Talahua, 3100 ft. Distr. — same. Type of AMNH*.

- LEUCOPODELLA Hull, 1949e:94. Typespecies, *Baccha lanei* Curran (orig. des.).
- Xestoprosopa Hull, 1949e:94. Type-species, Baccha delicatula Hull (orig. des.), N. SYN.
- ASTHENIA (Hull), 1948a:4 (Baccha). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Ecuador, Brazil (São Paulo, Santa Catarina). Type & AMNH*. Ref. Hull, 1943j:65, fig. 2 (alula); 1949e:228, figs. 170 & 175 (abdomen).
- BALBOA (Hull), 1947b.230 (Baccha). Type-locality: Costa Rica, La Suiza. Distr. same. Type & USNM. Ref. Hull, 1949e:228, figs. 172 & 174 (abdomen).
- BELLA (Hull), 1947a:401 (Baccha). Type-locality: Costa Rica, La Suiza. Distr. same. Type \(\psi \) USNM. Ref. Hull, 1949e:228, fig. 173 (abdomen).
- BIGOTI (Austen), 1893:147 (Baccha; nom. nov. for apicalis Bigot). Distr. Panama, Brazil. Ref. Hull, 1949e:228, 264, figs. 171 (abdomen), 322 (wing).
 - apicalis Bigot, 1883b:334 (Baccha; preocc. Loew, 1858). Type-locality: "Brazil". Type $\, \circ \, \,$ BM(NH).
 - bigotii, Hull, 1949e:104, 287, misspelling.
- BIPUNCTIPENNIS (Hull), 1942a:99 (Baccha). Type-locality: Paraguay, Bella Vista. Distr. same. Type & MCZ. Ref. Hull, 1949e:204, 264, figs. 62 (abdomen), 324 (wing).
- BOABDILLA (Hull), 1947a:403 (Baccha). Type-locality: Paraguay, Alto Paraná, Hohenau. Distr. same. Type \circ USNM. Ref. Hull, 1949e:228, 264, figs. 177 (abdomen), 320 (wing).
- BOADICEA (Hull), 19431:72 (Baccha). Type-locality: Ecuador, Pinas, 1506 m. Distr. same. Type & AMNH*. Ref. Hull, 1949e:202, fig. 55 (abdomen).
- CARMELITA (Hull), 1948a:9 (Baccha). Type-locality: Haiti, La Visite, vic. La Selle Range, 5-7000 ft. Distr. same. Type ? MCZ.
- DELICATULA (Hull), 1943j:78, fig. 72 (abdomen) (Baccha). Type-locality: Ecuador, Tungurahua, Baños. Distr. same. Type & Hull. Ref. Hull, 1949e:206, 264, figs. 72 (abdomen), 327 (wing). N. COMB.
- ESTRELITA (Hull), 1948a:1 (Baccha). Type-locality: Cuba, Trinidad Mts., Buenos Aires. Distr. Cuba; (Argentina record in Fluke, 1956: 245, is an error). Type & MCZ.
- GOWDEYI (Curran), 1926c:102 (Baccha). Type-locality: Jamaica, Cinchona. Distr. same. Type 9 BM(NH). Ref. Hull, 1949e:206, 256, figs. 73 (abdomen), 292 (wing).
- GRACILIS (Williston), 1891:34 (Baccha). Type-locality: Mexico, Vera Cruz, Orizaba; Guerrero, Omiltemi, 8000 ft. Distr. Mexico (Sinaloa, Durango, Vera Cruz, Guerrero, Chiapas). Types & BM(NH)*. Ref. Hull, 1949e:228, fig. 176 (abdomen).
- INCOMPTA (Austen), 1893:147, pl. 4:13 (habitus) (Baccha). Type-locality: Brazil, Region of Amazon. Distr. Puerto Rico, Honduras, Guyana, Argentina (Jujuy, Tucumán). Types & BM(NH). Ref. Hull, 1949e:264, fig. 323 (wing).
- LANEI (Curran), 1936b:16 (Baccha). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. Trinidad, Brazil (São Paulo, Santa Catarina). Type & AMNH*. Ref. Carrera, 1940:66 (description of female), fig. 1 (habitus); Hull, 1949e:198, 264, figs. 31 (abdomen), 321 (wing); 1949d:289, fig. 10e (head).

MARMORATA (Bigot), 1883d:333 (Baccha). Type-locality: "Mexico". Distr. — U.S.A. (Arizona), Mexico (Durango). Type & BM(NH). Ref. — Giglio-Tos, 1893:fig. 19 (head).
olga (Hull), 1942a:95 (*Baccha*). Type-locality: Panama, Chilibre. Distr. —

same. Type 9 MCZ. Ref. — Hull, 1949e:204, 264, figs. 67 (abdo-

men), 325 (wing).

(Williston), 1891:34, pl. 1:8 (habitus), 8a+b (heads) (Baccha). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft.; Sierra de las Aguas Escondidas, 9500 ft. Distr. — same. Types ${\it d}$ ${\it \mathfrak{P}}$ BM(NH) & AMNH*. Ref. — Hull. 1949e:200, 238, 264, figs. 44 (abdomen), 317 (abdomen), 326 (wing).

ZENILLA (Hull), 1943j:77 (Baccha). Type-locality: Ecuador, Bolivar, Hda. Talahua, 3100 m. Distr. — same . Type & AMNH*. Ref. — Hull,

1949e:238, 256, figs. 218 (abdomen), 291 (wing).

Unplaced species of Melanostomini

COLUMBIANUM Enderlein, 1938:198 (Melanostoma). Type-locality: Colombia, "Cordilleren, tierra fria". Type ♀ ZMB?

CRASSICALX Enderlein, 1938:197 (Pachysphyria). Type-locality: Brazil, Santa Catarina, Hochland. Type & ZMB?

CYANEOCINCTA (Bigot), 1885a:251 (Melanostoma). Type-locality: "Mexico". Type of OXF?

LIMBATUM Enderlein, 1938:198 (Melanostoma). Type-locality: Argentina, Prov. Tucumán. Types & P ZMB?

LONGIGENA Enderlein, 1912:102 (Melanostoma). Type-locality: Tierra del Fuego, Ushuaia. Type ? ZMB?

Tribe TOXOMERINI

Genus Toxomerus Macquart

TOXOMERUS Macquart, 1855:112 (1855:92). Type-species, notatus Macquart (orig. des.) = geminatus (Say).

Mesogramma Loew, 1866a:157 (1872b:31) (preocc. Stephens, 1850). Typespecies, parvula Loew (Williston, 1887b:98).

Mesograpta Loew, 1872:114 (1872b:290) (nom. nov. for Mesogramma Loew). Type-species, parvula Loew (aut.).

Mitrosphen Enderlein, 1938:227. Type-species, Syrphus tibicen Wiedemann (orig. des.).

Antiops Enderlein, 1938:228. Type-species, Mesograpta ? saphiridiceps Bigot (orig. des.).

Hybobathus Enderlein, 1938:233. Type-species, quadrilineatus Enderlein (orig. des.).

Hypobathus, Fluke, 1956:217, misspelling.

Ref. — Hull, 1943i (key).

AEOLUS (Hull), 1942d:47 (Mesogramma). Type-locality: Cuba, Soledad, Atkins Institute, Harvard Gardens. Distr. — same. Type & Hull. N. COMB.

ALPHABETICUS (Hull), 1942a:105 (Mesogramma). Type-locality: Mexico, Vera Cruz, Jalapa. Distr. — same. Type ? AMNH*. Ref. — Hull, 1943i:35, fig. 50 (abdomen). N. COMB.

var. FLAVOPOCULA (Hull), 1948b:9 (Mesogramma). Type-locality: Venezuela, San Esteban. Distr. — same. Type & Hull. N. COMB.

- ANTHRAX (Schiner), 1868:350 (Mesogramma). Type-locality: "South America". Distr. Colombia, Guyana, Ecuador, Peru. Types & 9 VMNH*.
 - var. Flammarius (Hull), 1943i:27 (Mesogramma). Type-locality: Honduras, Puerto Castilla. Distr. same. Type & Hull. N. COMB.
- ANTIOPA (Hull), 1951a:3 (Mesogramma). Type-locality: Ecuador, Chimborazo, Urbina. Distr. Ecuador. Type & AMNH*. N. COMB.
- AQUILINUS Sack, 1941:100 (1951:96), fig. 2 (abdomen). Type-locality: Peru, Bolivia. Distr. Panama, Peru, Brazil, Bolivia, Argentina. Types ♂ ♀ MD? Ref. Hull, 1943i:35, fig. 41 (abdomen). anchoratus, auctorum.
- ARCIFER (Loew), 1866a:160 (1872b:34) (Mesograpta). Type-locality: "Cuba". Distr. Cuba, Jamaica, Haiti, Puerto Rico, Dominica, Ecuador, Peru. Types & MCZ*. Ref. Hull, 1943i:33, figs. 67, 68 (abdomen).
- ARCTURUS (Hull), 1943i:18 (Mesogramma). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*. N. COMB.
- AURULENTUS (Williston), 1887b:102 (Mesograpta). Type-locality: Cuba, San Domingo. Distr. Cuba, Costa Rica. Types & \$\gamma\$ USNM*. Ref. Hull, 1943i:29, fig. 12 (abdomen).
- AZURLINEUS (Hull), 1941i:433 (Mesogramma). Type-locality: British Honduras, El Cayo. Distr. British Honduras. Type & USNM*. Ref. Hull, 1943i:29, fig. 10 (abdomen). N. COMB.
- BARBULUS (Walker), 1852:238 (Syrphus). Type-locality: "Brazil". Distr same. Types ♀ BMMH*. N. COMB.
- BASILARIS (Wiedemann), 1830:143 (Syrphus). Type-locality: "Brazil".

 Distr. U.S.A. (Texas), West Indies, Greater Antilles, Lesser
 Antilles, Mexico, south to Chile and Argentina. Type & VMNH*.
 - soror Schiner, 1868:350 (Mesogramma). Type-locality: "America". Types ೆ ೆ VMNH.
 - variabilis Wulp, 1883:6, pl. 1, fig. 9 (abdomen) (Mesograpta). Typelocality: "Guadeloupe". Types & MRHNB* & MA*.
 - flavocuneus Hull, 1940b:433 (Mesogramma; as basilaris var.). Typelocality: Honduras, Salada, nr. Ceiba: Type ♀ Hull. Ref. Hull, 1943:37, fig. 53 (abdomen). N. SYN.
 - neotropicus Hull, 1943i:36, fig. 54 (abdomen) (also p. 14, as neotropica, in key) (Mesogramma). N. SYN.
 - var. Bifidus (Hull), 1943i;26 (Mesogramma). Type-locality: Ecuador, Baños. Distr. same. Type & Hull? N. COMB.
- BIDENTATUS (Giglio-Tos), 1893:49, pl. II, fig. 12 (abdomen) (Mesogramma). Type-locality: Mexico, Acaguizotla, Chilpancingo, Tepetlapa, Medellin nr. Vera Cruz, Teapa, Orizaba and Tampico. Distr. Mexico, Guatemala, Costa Rica, Panama. Types & Q UTOR*.
- BIPUNCTATUS (Hull), 1943i:23 (Mesogramma). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type ? AMNH*. N. COMB.
- BISTRIGA (Bigot), 1884b:110 (Mesograpta?). Type-locality: "Mexico". Distr.
 Mexico, Guatemala, El Salvador, Nicaragua, Panama. Type
 OXF*. Ref. Hull, 1943i:39, fig. 71 (abdomen).
 - bistrigata Aldrich, 1905:370, Fluke, 1956:219; misspellings.

- BOSCII (Macquart), 1842:160 (100), pl. 17, fig. 2 (Syrphus). Type-locality: "Carolina". Distr. Southeastern U.S.A.; Mexico, Greater and Lesser Antilles. Type & MNHN*. Ref. Hull, 1943i:38, fig. 65 (abdomen).
- BREVIFACIES (Hull), 1943i:20 (Mesogramma). Type-locality: Ecuador, Baños, Runtum Trail. Distr. Ecuador, Colombia (Popayán). Type & AMNH*. N. COMB.
- brevifacia Hull, 1943i:14 (Mesogramma). Incorrect original spelling. CALCEOLATUS (Macquart), 1842:151 (91), pl. 16, fig. 1 (head) (Syrphus). Type-locality: "Chile". Distr. Chile (Coquimbo Malleco), Argentina (Neuquén). Types & P MNHN*. Ref. Shannon & Aubertin, 1933:138, fig. 26a (abdomen). N. COMB.
- CAMILLA (Hull), 1951a:20 (Mesogramma). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*. N. COMB.
- CENTAUREUS (Hull), 1951a:18 (Mesogramma). Type-locality: Colombia, Cali Dist., W. Cordillera. Distr. same. Type & AMNH*. N. COMB.
- CILIATUS (Giglio-Tos), 1892d:3 (*Mesogramma*). Type-locality: Mexico, Tuxpango. Distr. Mexico, Peru. Types & \$\gamma\$ UTOR*. Ref. Giglio-Tos, 1893:60, pl. II, fig. 16 (abdomen), 16a (head), 16b (leg).
- CIRCUMDATUS (Bigot), 1884b:107 (Mesograpta?). Type-locality: "Mexico".

 Distr. same. Types of Q OXF*. Ref. Hull, 1943i:41, fig. 74 (abdomen).
- CLARACUNEUS (Hull), 1942a:106 (Mesogramma). Type-locality: Écuador, Rio Margajitas, Río Pastaza. Distr. same. Type \(\rightarrow \) AMNH*. Ref. Hull, 1943i:37, fig. 49 (abdomen). N. COMB.
- CLARUS (Curran), 1930b:11 (Mesogramma). Type-locality: Panama, Canal Zone, New Culebra, France Field, Barro Colorado Island. Distr. Panama (Canal Zone), Venezuela (San Esteban). Type & AMNH*. Ref. Hull, 1943i:39, fig. 62 (abdomen). N. COMB.
- COMMA (Giglio-Tos), 1892d:4 (*Mesogramma*). Type-locality: "Mexico". Distr. same. Types & UTOR*.
- CONFUSUS (Schiner), 1868:349 (Mesogramma). Type-locality: "South America" Venezuela; Brazil, Rio de Janeiro. Distr. Mexico, Guatemala, Nicaragua, Costa Rica, Panama, Trinidad, Tobago, Ecuador, Venezuela Brazil, Argentina. Types & VMNH*. Ref. Hull, 1943i:31, fig. 20 (abdomen).
 - maculipes Bigot, 1884b:113 (Mesograpta?). Type-locality: "Brazil". Type & OXF*.
- COSTALIS (Wiedemann), 1830:140 (Syrphus). Type-locality: "Surinam". Distr. Surinam. Type & SMF*. N. COMB.
- CRCCKERI (Curran), 1934c:154 (Mesogramma). Type-locality: Galápagos Islands, Charles I. Distr. Galápagos Islands. Type & CAS*. Ref. Hull, 1943i:33, fig. 36 (abdomen). N. COMB.
 - cocheri Fluke, 1956:220, misspelled.
- CROESUS (Hull), 1940a:248 (*Mesogramma*). Type-locality: Brazil, São Paulo. Distr. — same. Type & Hull. Ref. — Hull, 1943i:31, fig. 14 (abdomen). N. COMB.
- CYRILLUS (Hull), 1951a:9 (Mesogramma). Type-locality: Ecuador, Macas, Rio Upano. Distr. same. Type & AMNH*, N. COMB.
- DIFFICILIS (Curran), 1930b:6, fig. 2 (male genitalia) (Mesogramma). Typelocality: Puerto Rico, Coamo Springs. Distr. Puerto Rico, Guya-

- na. Type o AMNH*. Ref. Hull, 1943i:28, fig. 11 (abdomen). N. COMB.
- DIVERSUS (Giglio-Tos), 1892d:3 (Mesogramma). Type-locality: "Mexico".

 Distr. same. Types 9 UTOR*. Ref. Giglio-Tos, 1893:49, pl. II. fig. 13 (abdomen).
- DUPLICATUS (Wiedemann), 1830:142 (*Syrphus*). Type-locality: Uruguay, Montevideo. Distr. Greater Antilles, Lesser Antilles, Mexico, south to Chile and Argentina. Types & VMNH*. Ref. Hull, 1943i:33, fig. 33 (abdomen).
 - ochrogaster Thomson, 1869:494 (Syrphus). Type-locality: Argentina, Buenos Aires, Type & NRS*.
- ECTYPUS (Say), 1829:165 (Syrphus). Type-locality: "Mexico". Distr. same. Types ? lost.
- ECUADOREUS (Hull), 1943i:19 (Mesogramma). Type-locality: Ecuador, Pichincha, Distr. Ecuador. Type & AMNH*. N. COMB.
- ELISA (Hull), 1951a:5 (Mesogramma). Type-locality: Brazil, São Paulo. Distr. same. Type & AMNH*. N. COMB.
- ELONGATUS (Hull), 1941f:46 (Mesogramma). Type-locality: Colombia, Muzo, Dept. Boyaca. Distr. Mexico, Colombia, Ecuador. Types & Hull, MCZ*. Ref. Hull, 1943i:35, fig. 42 (abdomen). N. COMB.
 - interruptus Enderlein, 1938:227 (Mitrosphen; preocc. Philippi, 1865). Type-locality: Colombia, Cordillera; Mexico, Jacuapam. Types ${\it o}^{\,\circ\,} {\it v}$ ZMB. N. SYN.
- EURYDICE (Hull), 1951a:17 (Mesogramma). Type-locality: Ecuador, San Francisco, Rio Pastaza. Distr. — same. Type & AMNH*. N. COMB.
- EXTRAPOLATUS (Hull), 1943i:22, fig. 24 (abdomen) (Mesogramma). Typelocality: Cuba, Soledad. Distr. same. Type & Hull*. N. COMB.
- FLAVIPLURUS (Hall), 1927:239, fig. (abdomen) (Mesogramma). Type-locality:
 Guatemala, Puerto Barrios. Distr. Guatemala; Brazil (Belém);
 Trinidad. Type ? OhSU. N. COMB.
 - flavipleura Hull, 1943i:15, 28, misspelled.
- FLAVUS (Hull), 1941i:432 (Mesogramma). Type-locality: Colombia, Restrepo. Distr. Colombia, Ecuador, Peru, Bolivia. Type $\,^\circ$ USNM. Ref. Hull, 1943i:35, fig. 44 (abdomen). N. COMB.
- FLORALIS (Fabricius), 1798:563 (Scaeva). Type-locality: "Cajenne". Distr. U.S.A., Florida; Greater Antilles; Lesser Antilles; Mexico, south to Chile and Argentina. Type? Kiel (lost ? Zimsen, 1964:481). Ref. Hull, 1943i:35, figs. 37-40 (abdomen). N. COMB.
 - flammineus Hull, 1941h:312 (Mesogramma). Type-locality: Brazil, São Paulo, Severínia. Type & Hull. Ref. Hull, 1943i:6, 34 (as var.).
- Funestus (Doesburg), 1966:65, fig. 56 (habitus) (Mesograpta). Typelocality: Surinam, Zanderij. Distr. Surinam, Brazil (Pará). Type P Doesburg. N. COMB.
- GEMINI (Hull), 1941h:312 (Mesogramma). Type-locality: Brazil, São Paulo. Distr. — same. Type 9 Hull, MZUSP. Ref. — Hull, 1943i:33, fig. 25 (abdomen). N. COMB.
- GUTTIFER (Hull), 1943k:39 (Mesogramma). Type-locality: Guatemala, Guatemala City. Distr. Guatemala, Guyana. Type ? USNM*. Ref. Hull. 1943i:45. fig. 61 (abdomen). N. COMB.
- Hull, 1943i:45, fig. 61 (abdomen). N. COMB. HARLEQUINUS (Hull), 1951b:69 (Mesogramma). Type-locality: Brazil, São Paulo. Distr. — same. Type ? MZUSP. N. COMB.
- HERALDICUS (Bigot), 1884b:109 (Mesograpta?). Type-locality: "Mexico".

- Distr. same. Types 9 OXF*. Ref. Hull, 1943i:47, fig. 73 (abdomen).
- HIEROGLYPHICUS (Schiner), 1868:348 (Mesogramma). Type-locality: "South America". Distr. — Colombia (Magdalena, Valle del Cauca, Cauca), Ecuador. Type & VMNH*. Ref. — Hull, 1943i:31, fig. 19 (abdo-
- HULLI Sedman, (nom. nov. for ornatus Hull). Distr. Paraguay. NOM. NOV.
 - ornatus Hull, 1943f:36 (Mesogramma, preocc. Sack 1941). Type-locality: Paraguay, Villarica. Type & AM(NH).
- IDALIUS (Hull), 1951a:11 (Mesograma). Type-locality: Ecuador, Oriente, Puyo. Distr. - same. Type of AMNH*. N. COMB.
 - subsp. LEDE Hull, 1951a:12 (Mesogramma). Type-locality: Ecuador, Oriente, Puyo. Type & AMNH*. N. COMB.
- IMPERIALIS (Curran), 1926c:103 (Mesogramma). Type-locality: Jamaica, Blue Castle. Distr. — same. Type \(\begin{array}{c} \text{BM(NH)}. \text{ Ref.} — Hull, 1943i: 35, fig. 45 (abdomen). N. COMB.
- . INCAICUS Sack, 1941:101 [1951:97, fig. 3 (abdomen)]. Type-locality: Peru, Querobamba, Lago Titicaca; Bolivia. Distr. — same. Types of 9 MD?
 - INSIGNIS (Schiner), 1868:347, fig. 7 (habitus), 7 a-b (head) (Mesogramma). Type-locality: "South America". Distr. — same. Types & ? VMNH*.
 - INTERMEDIUS (Hull), 1949a:77 (Mesogramma). Type-locality: Peru, Pucallpa. Distr. same. Type ? Hull. N. COMB.
 - JAGUARINUS (Bigot), 1884b:112 (Mesograpta?). Type-locality: "Brazil". Distr. — same. Type & OXF*.
 - LACINIOSUS (Loew), 1866a:159 (1872b:33) (Mesograpta). Type-locality: "Cuba". Distr. — Greater Antilles, Lesser Antilles, Mexico south to Brazil and Argentina. Type Q MCZ*. Ref. — Hull, 1943i:35, fig. 47 (abdomen).
 - LACRYMOSUS (Bigot), 1884b:107 (Mesograpta?). Type-locality: "Brazil; Mexico". Distr. — same. Types ♂♀ OXF*. Ref. — Hull, 1943i:31, fig. 23 (abdomen).
 - lacrimosus Kertész, 1910:147, emendation. lachrymosus, many authors, emendation.
 - LAENUS (Walker), 1852:241 (Syrphus). Type-locality: "Brazil". Distr. same. Type & BMNH. Ref. — Hull, 1943i:41, fig. 79 (abdomen). N. COMB.
 - laenas Hull, 1943i:16, 40, misspelled.
 - LANEI (Hull), 1942c:74 (Mesogramma). Type-locality: Brazil, Rio de Janeiro, Tinguá. Distr. — same. Type 9 Hull. N. COMB.
 - LIMAE (Brèthes), 1920:30 (1937:VII), (Mesograpta). Type-locality: Peru. Lima. Distr. same. Type ? MACN. N. COMB.
 - LIMBUS (Enderlein), 1938:229 (Antiops). Type-locality: Uruguay, Montevideo. Distr. — same. Type ? ZMB. N. COMB.
 - LINEARIS (Wulp), 1883:5 (Mesograpta). Type-locality: "Mexico". Distr. —
 - same. Type ??.
 LUNUS (Hull), 1943i:21, fig. 80 (abdomen), (Mesogramma). Type-locality: Puerto Rico, Mayaguez. Distr. — Puerto Rico, Guatemala. Type & USNM*. N. COMB.
 - LUTZI (Curran), 1930b:7 (Mesogramma). Type-locality: Panama, Canal

- Zone, Grijoles, Ft. Davis. Distr. same. Type \, AMNH*. Ref. Hull, 1943i;37, fig. 56 (abdomen). N. COMB.
- var. FASCIATUS (Hull), 1948b:8 (Mesogramma). Type-locality: Venezuela, San Esteban. Distr. same. Type ? USNM*. N. COMB.
- LYRATUS (Hull), 1940b:432 (Mesogramma). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. same. Type & Hull. Ref. Hull, 1943i:33, fig. 26 (abdomen). N. COMB.
- MACQUARTI (Goot), 1964:214 (Mesograpta, nom. nov. for amoenus Macquart).

 Distr. Venezuela, Peru, Paraguay, Bolivia. N. COMB.
 - amoenus Macquart, 1846:266 (138), pl. 13, fig. 1 (abdomen) (Syrphus; preocc. Loew, 1840). Type-locality: "Venezuela". Type ? OXF*.
- MACULATUS (Bigot), 1884b:111 (Mesograpta?). Type-locality: "Cuba, Mexico, Brazil". Distr. Greater Antilles; Mexico south to Brazil and Argentina. Types 9 OXF*. Ref. Hull, 1943i:31, fig. 16 (abdomen).
- MARGINATUS (Say), 1823;92 (Scaeva). Type-locality: "U.S.A." Distr. Canada, U.S.A.; Grand Bahama Island, Mexico south to Peru. Type?? Ref. Hull, 1943i:33, fig. 28 (abdomen).
 - circumcinctus Enderlein, 1938:232 (Mesogramma). Type-locality: Peru, Lima. Type & ZMB. N. SYN.
- MELANOGASTER (Thomson), 1869:495 (Syrphus). Type-locality: Brazil, Rio de Janeiro. Distr. same. Type & NRS*. N. COMB.
- MINUTUS (Wiedemann), 1830:146 (Syrphus). Type-locality: "Brazil". Distr. Cuba, Brazil. Type ? SMF*.
- MITIS (Curran), 1930b:13 (Mesogramma). Type-locality: Jamaica, Montego Bay. Distr. same. Type ? AMNH. Ref. Hull, 1943i:47, fig. 75 (abdomen). N. COMB.
- MULIO (Hull), 1941h:311 (Mesogramma). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Colombia, Ecuador, Peru, Brazil, Argentina. Type & Hull. Ref. — Hull, 1943i:29, fig. 2 (abdomen). N. COMB.
- MULTIPUNCTATUS (Wulp), 1883:6, pl. I, fig. 7 (abdomen) (Mesograpta).

 Type-locality: "Guadeloupe". Distr. Guadeloupe, St. Vincent,
 Grenada. Type & ? Ref. Hull, 1943i:38, fig. 66 (abdomen).
 - ferroxida Hull, 1942f:21 (Mesogramma). Type-locality: St. Vincent, British West Indies. Type & MCZ*.
- MUSICUS (Fabricius), 1805:253 (Scaeva). Type-locality: "South America".

 Distr. Cuba, Jamaica, Puerto Rico, Virgin Islands, Trinidad;

 Mexico south to Brazil and Argentina. Types ? MC*. Ref. —

 Hull, 1943i:31, fig. 21 (abdomen).
- MUTUUS (Say), 1829:164 (Syrphus). Type-locality: "Mexico". Distr. Mexico (Durango, Michoacán, Mexico City, Morelos, Vera Cruz, Chiapas), Guatemala. Type ?? Ref. Hull, 1943i:43, fig. 60 (abdomen).
- NASICUS (Hull), 1941i:432 (Mesogramma). Type-locality: Mexico, Oaxaca, Tuxtepec. Distr. same. Type & USNM*. Ref. Hull, 1943i:29, fig. 6 (abdomen). N. COMB.
- NASUTUS Sack, 1941:102 (1951:98), fig. 4 (head), 5 (abdomen). Type-locality: Peru, Paso de Lares. Distr. Ecuador, Peru, Bolivia. Types \(\text{MD} \)? Ref. Hull, 1943i:40, fig. 81 (abdomen).
 - sylphus Hull, 1943f:35 (Mesogramma). Type-locality: Ecuador, Baños. Type & AMNH*. N. SYN.
- NIGRIPUNCTUS (Enderlein), 1938:231 (Mesogramma). Type-locality: Colombia, Cordillera. Distr. same. Type & ZMB. N. COMB.

- NITIDIVENTRIS (Curran), 1930b:9 (Mesogramma). Type-locality: Brazil, [?Espírito Santo], Vitória. Distr. Colombia, Venezuela, Ecuador, Brazil. Type & AMNH*. N. COMB.
- NITIDUS (Schiner), 1868:349 (Mesograma). Type-locality: "South America". Distr. Panama. Types & VMNH*.
- NORMA (Curran), 1930b:10 (Mesogramma). Type-locality, Panama, Canal Zone, Corozal. Distr. same. Type of AMNH*. Ref. Hull; 1943i:29, fig. 7 (abdomen). N. COMB.
- NYMPHALIUS (Hull), 1942a:106 (Mesogramma). Type-locality: Ecuador, Oriente, Río Margajitas, 1250 m. Distr. Ecuador, Surinam. Type & AMNH*. Ref. Hull, 1943i:37, fig. 51 (abdomen). N. COMB.
- ochraceus (Hull), 1942f:19 (Mesogramma). Type-locality: Colombia, Bogotá. Distr. same. Type ? MCZ*. N. COMB.
- OCTOGUTTATUS (Jaennicke), 1867:398 (Syrphus). Type-locality: "Chile". Distr. Peru, Chile (Coquimbo-Chiloé), Argentina. Type of SMF*. Ref. Shannon & Aubertin, 1933:138, fig. 26b (abdomen); Hull, 1943i:37, fig. 57 (abdomen). N. COMB.
 - interruptus Philippi, 1865:747 (Syrphus; preocc. Gmelin, 1792). Typelocality: Chile, Valdivia, Illapel. Types ♂ ♀ MNHS.
 - philippii Shannon, 1927a:24 (Mesogramma; nom. nov. for interruptus Philippi).
- OPHIOLINEA (Hull), 1943j:68, fig. 59 (abdomen) (Baccha). Type-locality: Colombia, Villavicencio. Distr. — same. Type \(\foatharpoonup \) Hull*. Ref. — Hull, 1949e: 202, fig. 59 (abdomen). N. COMB.
- ORNATUS Sack, 1941:103 (1951:99), fig. 6 (abdomen). Type-locality: Peru; Bolivia; Brazil, Espírito Santo. Distr. same. Types & MD? and UNMB.
- ORNITHOGLYPHUS (Hull), 1942f:17 (Mesogramma). Type-locality: Dominican Republic, Mount Diego de Ocampo, 3,000-4,000 ft. Distr. Cuba, Dominican Republic. Type & MCZ*. Ref. Hull, 1943i:39, fig. 69 (abdomen). N. COMB.
- ovatus (Hull), 1942f:19 (Mesogramma). Type-locality: Panama, Yape, Tuirar. Distr. — same. Type & MCZ*. Ref. — Hull 1943i:29, fig. 5 (abdomen). N. COMB.
- PANAMENSIS (Curran), 1930b:12 (Mesogramma). Type-locality: Panama, Panama City. Distr. same. Type & AMNH*. N. COMB.
- PARAGRAMMUS (Schiner), 1868:349 (Mesogramma). Type-locality: "South America". Distr. same. Types & Q VMNH*.
- PICTUS (Macquart), 1842:159 (99) pl. 16 fig. 11 (habitus) (Syrphus).

 Type-locality: "Guyane". Distr. Greater Antilles, Lesser Antilles, Mexico south to Argentina. Type \$\pi\$ MNHN*. Ref. Hull, 1943i:30, fig. 13 (abdomen).
 - poecilogastrus Loew, 1865:158 (1872b:33) (Mesogramma). Type-locality: "Cuba". Type 9 MCZ*.
 - cuprinus Bigot, 1884b:114 (Mesograpta?). Type-locality: "Cuba". Type & OXF*. N. SYN.
 - var. Melleoguttatus (Hull), 1941f:45 (Mesogramma). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type & Hull. Ref. — Hull, 1943i:31, fig. 15 (abdomen). N. COMB.
- POLITUS (Say), 1823:88 (Scaeva). Type-locality: "United States". Distr. Canada, U.S.A.; Mexico south to Peru and Brazil, Type? (lost). Ref. Hull, 1943i:29, fig. 3 (abdomen).

- anchoratus Macquart, 1842:97 (132), pl. 16:8 (abdomen) (Syrphus). Type-locality: "Brazil". Types ? & MNHN*. N. SYN.
- POLYGRAPHICUS (Hull), 1940a:249 (Mesogramma). Type-locality: Brazil, São Paulo, Batéia. Distr. Peru and Brazil. Type ? Hull, 1943i:31, fig. 22 (abdomen). N. COMB.
- PORTICOLA (Thomson), 1869:495 (Syrphus). Type-locality: Peru, Callao; Ecuador, Puna. Distr. same. Type & NRS*. N. COMB.
- PORTIUS (Walker), 1852:239 (Syrphus). Type-locality: "Brazil". Distr. Brazil (São Paulo). Type & BMNH*. Ref. Hull, 1943i:31, fig. 17 (abdomen). N. COMB.
- PRODUCTUS (Curran), 1930b:5 (Mesogramma). Type-locality: Ecuador. Distr. Ecuador south to Argentina. Type & AMNH*. Ref. Hull, 1943i:32, fig. 30 (abdomen). N. COMB.
- PUELLUS (Hull), 1942f:22 (Mesogramma). Type-locality: Cuba, Santa Clara Province, Soledad. Distr. — same. Type & MCZ*. Ref. — Hull, 1943i:39, fig. 64 (abdomen). N. COMB.
- PULCHELLUS (Macquart), 1846:266 (138), pl. 11, fig. 12 (abdomen) (Syrphus). Type-locality: Guadeloupe, San Domingo. Distr. Guadeloupe, Cuba. Types 9 OXF*. Ref. Hull, 1943i:34, fig. 46 (abdomen).
- PUNCTATUS Sack, 1921:128, fig. 1a (abdomen). Type-locality: Paraguay, St. Trinidad. Distr. same. Types σ 9 MD?
- PURUS (Curran), 1930b:10 (Mesogramma). Type-locality: Panama, Corozal. Distr. same. Type & AMNH. Ref. Hull, 1943i:39, fig. 63 (abdomen). N. COMB.
- QUADRILINEATUS (Enderlein), 1938:233 (Hybobathus). Type-locality: Colombia, "Cordillera, tierra templada". Distr. same. Types $\,^{\circ}$ ZMB. N. COMB.
- QUINQUECINCTUS (Bigot), 1888a:254 (Mesograpta). Type-locality: Mexico. Distr. same. Type $\,$ QXF*.
- QUINQUEMACULATUS (Bigot), 1888a:254 (Mesograpta). Type-locality: "Mexico". Distr. same. Types & P OXF*.
- RHEA (Hull), 1949i:228 (Mesogramma). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Types & AMNH*, MZUSP. N. COMB.
- RHODOPE (Hull), 1951a:13 (Mesogramma). Type-locality: Jamaica, Dunrobin District, Mandeville, Manchester. Distr. same. Type
 AMNH*. N. COMB.
- ROMBICUS (Giglio-Tos), 1892d:3 (Mesogramma). Type-locality: Mexico, Orizaba. Distr. same. Types & UTOR*. Ref. Giglio-Tos, 1893:pl. 2, fig. 15 (abdomen); Hull, 1943i:40, fig. 78 (abdomen). Thombicus, various authors, emend.
- RUFICAUDATUS (Bigot), 1884a:541 (Paragus). Type-locality: "Brazil". Distr. same. Type & BM(NH)*. N. COMB.
- RUFOCINCTUS (Curran), 1927b:7 (Mesogramma). Type-locality: Puerto Rico, Mayaguez. Distr. same. Type & AMNH*. Ref. Hull, 1943i:41, fig. 83 (abdomen). N. COMB.
- SAPHIRIDICEPS (Bigot), 1884b:105 (Mesograpta?). Type-locality: "Mexico". Distr. Mexico, Colombia, Ecuador, Peru. Types ? OXF*.
- SELVA (Hull), 1943i:13 (Mesogramma). Type-locality: ? Distr. ? Type ?? N. COMB.

- SERPENTINUS (Hull), 1950c:228 (Calostigma). Type-locality: Peru, Chanchamayo. Distr. same. Type ? Hull*. N. COMB.
- SINUATINERVIS (Macquart), 1850:455 (151), tab. 14, fig. 10 (wing) (Syrphus). Type-locality: Brazil, "Minas Gerais". Distr. same. Type \(\pi \) MNHN. N. COMB.
- SLOSSONAE (Curran), 1930b:8 (Mesogramma). Type-locality: U.S.A., Florida, Biscayne Bay. Distr. U.S.A. (Florida), Ecuador. Type of AMNH*. N. COMB.
- STEATOGASTER (Hull), 1941c:62 (Mesogramma). Type-locality: Brazil, Amazonas, Rio Branco. Distr. Ecuador, Brazil. Type 9 Hull. Ref. Hull, 1943i;29, fig. 1 (abdomen). N. COMB.
- STEATORNIS (Hull), 1943i:20 (Mesogramma). Type-locality: Ecuador, Santiago-Zamora, Sucua, Río Blanco and Río Upano, 950 m. Distr. same. Type & AMNH*. N. COMB.
- SUBANNULATUS (Loew), 1865:157 (1872b:31) (Mesograpta). Type-locality: "Cuba". Distr. Cuba, Dominican Republic, Jamaica, Puerto Rico, Costa Rica south to Brazil. Types & MCZ*. Ref. Hull, 1943i:33, figs. 34, 35 (abdomen).
- SYLVATICUS (Hull), 1943f:34 (Mesogramma). Type-locality: Ecuador, Baños. Distr. — same. Type & AMNH*. Ref. — Hull, 1943i:41, fig. 81 (abdomen). N. COMB.
- TAENIUS (Curran), 1930b:7, fig. 3 (ventral view of male genitalia) (Mesogramma). Type-locality: Panama, Canal Zone, Corozal. Distr. Panama, Surinam, Argentina. Type of AMNH*. Ref. Hull, 1943i:29, fig. 4 (abdomen). N. COMB.
- TIBICEN (Wiedemann), 1830:127 (Syrphus). Type-locality: "Brazil". Distr.

 Panama (Canal Zone) south to Brazil and Argentina. Types

 ZMB-VM(NH)*. Ref. Hull, 1943i:35, fig. 43 (abdomen).
- TRIANGULATUS (Hull), 1942a:104 (Mesograma). Type-locality: Paraguay, Villarica. Distr. same. Type ? AMNH*. Ref. Hull, 1943i:37, fig. 55 (abdomen). N. COMB.
- TRIDENTATUS (Rondani), 1868:24 (Syrphus). Type-locality: "Patagonia". Distr. Mexico, "Patagonia". Type & ? Ref. Giglio-Tos, 1893: pl. 2, fig. 17 (abdomen). N. COMB.
 - pallipes Bigot, 1884b:106 (Mesograpta?). Type-locality: "Mexico". Type 9 OXF*.
- TRILINEATUS (Enderlein), 1938:232 (Mesogramma). Type-locality: "St. Jean". Distr. same. Type 9 ZMB. N. COMB.
- TRILOBATUS (Bigot), 1884b:109 (Mesograpta?). Type-locality: "Mexico". Distr. same. Types & OXF*.
- TRIRADIATUS (Hull), 1942d:48 (Mesogramma). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. same. Type & Hull. Ref. Hull, 1943i:33, fig. 27 (abdomen). N. COMB.
- Tubularius (Hull), 1942a:103 (Mesogramma). Type-locality: Ecuador, Baños. Distr. same. Type & AMNH*. Ref. Hull, 1943i:35, fig. 48 (abdomen). N. COMB.
- ULTIMUS (Hull), 1951a:7 (Mesogramma). Type-locality: Ecuador, Pichincha, Uyumbicho. Distr. — same. Type ? AMNH*. N. COMB.
- UNA (Hull), 1943i:23, fig. 84 (abdomen) (Mesogramma). Type-locality: "Haiti". Distr. same. Type ? MCZ*. N. COMB.
- UNDECIMPUNCTATUS (Enderlein), 1938:228 (Mitrosphen). Type-locality: Uruguay, Montevideo; Paraguay, San Bernardino. Distr. same. Types & 2 ZMB. N. COMB.

- URANIUS (Hull), 1951a:1 (Mesogramma). Type-locality: Peru, middle Rio Ucayali. Distr. same. Type & AMNH*. N. COMB.
- VALDESI (Fluke), 1950b:488, fig. 12 (abdomen), fig. 13 (metathoracic leg) (Mesogramma). Type-locality: Cuba, Pico Joaquín to Turquino. Distr. same. Type & AMNH*. N. COMB.
- VANESSA (Hull), 1951a:15 (*Mesogramma*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type ? AMNH*. N. COMB.
- vatius (Walker), 1852:240 (*Syrphus*). Type-locality: Brazil. Distr. same. Type & BM(NH)*. Ref. Hull, 1943i:29, fig. 8 (abdomen). N. COMB.
- verticalis (Curran), 1927b:6 (*Mesogramma*). Type-locality: Puerto Rico, Gayay. Distr. same. Type & AMNH*. Ref. Hull, 1943i:41, fig, 76 (abdomen). N. COMB.
 - verticallis, Hull 1943i, misspelled.
- veve (Hull), 1942f:23 (Mesogramma). Type-locality: Haiti, La Visite and Vic., La Salle Range 5,000-6,000 ft. Distr. same. Type & MCZ*. N. COMB.
- vicinus (Macquart), 1846:264 (136) (Syrphus). Type-locality: "Brazil". Distr. same. Type $\,^\circ$ OXF. N. COMB.
- VIERECKI (Curran), 1930b:13 *Mesogramma*). Type-locality: Colombia, Sero Quenado. Distr. same. Type ? AMNH*. Ref. Hull, 1943i:37, fig. 58 (abdomen). N. COMB.
- VIOLACEUS (Curran), 1926c:103 (Mesogramma). Type-locality: Jamaica, Chinchona. Distr. Jamaica, Puerto Rico, Dominican Republic. Type & BM(NH). Ref. Curran, 1928:39, fig. 5 (head): 40, fig. 6 (abdomen). N. COMB.
- virgulatus (Macquart), 1850:456 (152), pl. 14, fig. 11 (abdomen) (Syr-phus). Type-locality: "Patrie inconnue, probablement le Brésil". Distr. same. Type & OXF*. N. COMB.
- vitrecens (Hull), 1930:142 (Mesogramma). Type-locality: Colombia, Aracataca, Magdalena. Distr. same. Type & ANSP. N. COMB.
- vitreus (Hull), 1941f:45 (Mesogramma). Type-locality: Brazil, São Paulo, Juquiá. Distr. same. Type ♂ Hull. N. COMB.
- VULTURUS (Hull), 1942f:20 (Mesogramma). Type-locality: Honduras, Lancetilla, near Tela. Distr. same. Type \(\Pi \) MCZ*. Ref. Hull, 1943i:39, fig. 70 (abdomen). N. COMB.
- WATSONI (Curran), 1930b:5, fig. 1 (ventral view of male genitalia) (Mesogramma). Type-locality: Haiti, Aux Cayes. Distr. Haiti, Cuba, Jamaica, Venezuela, Colombia, Ecuador, Peru, Brazil. Type & AMNH*. Ref. Hull, 1943i:33, fig. 32 (abdomen). N. COMB.
- WILLISTONII (Lynch Arribálzaga), 1892a:54 (1892c:64) (Mesogramma).

 Type-locality: Argentina, Misiones. Distr. same. Type ? MACN.

Subfamily MICRODONTINAE

Ref. — Thompson, 1969 (key to general).

Genus Paragodon Thompson

PARAGODON Thompson, 1969:74. Type-species, paragoides Thompson (orig. des.). Ref. — Thompson, 1969 (key).

- MINUTULUS (Doesburg), 1966:89, figs. 63 & 64 (habitus) (*Ceratophya*).

 Type-locality: Surinam, Zanderij-savannah, Distr. same. Type of Doesburg.
- PARAGOIDES Thompson, 1969:81, figs. 1, 1a (head); 7, 7a (male genitalia); 9 (abdomen); 12 (wing). Type-locality: Mexico, Sinaloa, Mazatlán, at sea level. Distr. same. Type & CNC*.

Genus Paramicrodon Meijere

- PARAMICRODON Meijere, 1913:360. Type-species, lorentzi Meijere (mon.). Spheginobaccha, subg. Nannomyrmecomyia Hull, 1945b:75. Type-species, Paramicrodon delicatulus Hull (orig. des.). N. SYN.
- DELICATULUS Hull, 1937b:24. Type-locality: Cuba, Soledad (Cienfuegos).

 Distr. same. Type & MCZ*. Ref. Thompson, 1969:77, fig. 2 (head).
- FLUKEI (Curran), 1936b:2 (*Microdon*). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. Peru, Brazil (Rio de Janeiro, Santa Catarina). Type & AMNH*. N. COMB.

Genus Argentinomyia Lynch Arribálzaga

- ARGENTINOMYIA Lynch Arribálzaga, 1891:199 (1892c:30). Type-species, testaceipes Lynch Arribálzaga (mon.).
- Aristosyrphus Curran, 1941:252. Type-species, primus Curran (orig. des.). N. SYN.
- Ceratophya, subg. Protoceratophya Hull, 1949d:314. Type-species, carpenteri Hull (orig. des.). N. SYN.
- Paraceratophya, Fluke, 1957:38, misspelling of Protoceratophya.

Subgenus Argentinomyia Lynch Arribálzaga

- BORACEIENSIS (Papavero), 1962:319 (Ceratophya). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. same. Type & MZUSP*. N. COMB.
- CARPENTERI (Hull), 1945b:76 (Ceratophya). Type-locality: Panama, Coclé Province, El Valle. Distr. — same. Type ? MCZ*. N. COMB.
- ELONGATA (Hull), 1943e:706 (Microdon). Type-locality: Brazil, Pará, Santarém. Distr. same. Type σ BM(NH). N. COMB.
- GRANDIS Lynch Arribálzaga, 1892b:255 (1892c:156). Type-locality: Argentina, Misiones, Fracrao. Distr. same. Type ? MACN.
- MACROPTERA (Curran), 1941:254 (Ceratophya). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type $\,^\circ$ AMNH*. N. COMB.
- PRIMA (Curran), 1941:252 (*Aristosyrphus*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type & AMNH*. Ref. Thompson, 1969:82, fig. 11 (wing). N. COMB.
- TESTACEIPES Lynch Arribálzaga, 1891:199 (1892c:41), fig. 4 (habitus).

 Type-locality: Argentina, Prov. Buenos Aires, Chacabuco. Distr.—
 same. Type ? MACN.

Subgenus Eurypterosyrphus Barretto & Lane

EURYPTEROSYRPHUS Barretto & Lane, 1947:141 (as genus). Type-species, melanopterus Barretto & Lane (orig. des.).

MELANOPTERA (Barretto & Lane), 1947:142, fig. 1 (wing) (Eurypterosyrphus). Type-locality: Brazil, São Paulo, São Paulo, Via Anhanguera. Distr. — same. Type \(\pi \) MZUSP*. N. COMB.

Genus Mixogaster Macquart

- MIXOGASTER Macquart, 1842:74 (14). Type-species, conopsoides Macquart (orig. des.).
- Myxogaster, Kertész, 1910:351, misspelling. Ref. — Hull, 1954 (rev.), Carrera & Lane, 1958 (key).
- ANTHERMUS (Walker), 1849:547 (Ascia). Type-locality: Brazil, Pará. Distr. Brazil. Types \(\begin{array}{c} \text{BM(NH)}. \text{ Ref.} Hull, 1954:21 (notes). \end{array}
- CICATRIX Hull, 1954:9 figs. 14 (head), 26 (abdomen). Type-locality: Brazil, Mato Grosso, Corumbá. Distr. same. Type & CU*.
- CONOPSOIDES Macquart, 1842:74 (14), tab. 3, fig. 1 (habitus), 1a (head). Type-locality: Brazil, Rio de Janeiro. Distr. Colombia, Brazil. Type \$\gamma\$ MNHN*. Ref. Hull, 1954:19 (translation of original description).
 - conopseus, Williston, 1886:309, 310; misspelling. conopoides, Kertész, 1910:351, emendation.
- CUBENSIS Curran, 1932a:1. Type-locality: Cuba, Sierra Maestra. Distr. Cuba. Type & AMNH*. Ref. Hull, 1954:14 (redescription), fig. 8 (antenna); 27 (abdomen); Thompson, 1969:76, fig. 4 (metasterna).
- CURRANI Hull, 1954:5, figs. 9 (antenna), 16 (head), 31 (abdomen). Typelocality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*.
- DIMIDIATA Giglio-Tos, 1892c:1. Type-locality: Mexico, Tuxpango. Distr. same. Type \, UTOR. Ref. Hull, 1954:19 (transl. of orig. description).
 - dimitiata, Fluke, 1957:37, misspelling.
- FLUKEI Hull, 1954:15, figs. 2 & 17 (head), 22 (wing), 28 (abdomen). Type-locality: Brazil, São Paulo. Distr. same. Type & AMNH.
- LANEI Carrera & Lenko, 1958:473, figs. 4 (egg), 5-7 (larva), 8-9 (puparium), 10-11 (head), 12 (antenna), 13 (wing). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. Brazil (São Paulo). Type & MZUSP*.
- LOPESI Carrera & Lenko, 1958:477, figs. 14-15 (head), 17 (wing). Type-locality: Brazil, Pará, Belém, Aurá. Distr. same. Type & IOC.
- MEXICANA Macquart, 1846:251 (123), pl. 10, fig. 15 (head), 15a (wing). Type-locality: Mexico. Distr. same. Type 9 MRHNB. Ref. Hull, 1954:20 (translation of orig. description).
- ORPHEUS Hull, 1944c:36. Type-locality: Guyana, Bartica. Distr. same. Type $\,^\circ$ MCZ*. Ref. Hull, 1954:21 (redescription), fig. 19 (wing).
- PITHECOFASCIA Hull, 1944k:512. Type-locality: Colombia, Restrepo, 500 m. Distr. same. Type & Hull. Ref. Hull, 1954:23 (redescription), figs. 3 & 15 (head), 32 (abdomen).
- POLISTES Hull, 1954:4, figs. 5 & 12 (head), 8 (antenna), 21 (wing). Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. same. Type \(\cap \) AMNH*.

RARIOR Shannon, 1925a:111. Type-locality: Panama, Taboga Island. Distr.
— Panama. Type & USNM*. Ref. — Hull, 1954:11 (redescription), figs. 20 (wing), 25 (abdomen).

var. RARISSIMA Shannon, 1925a:111. Type-locality: Guatemala, Cacao

Trece Aguas, Alta Vera Paz. Type & USNM*.

SARTOCRYPTA Hull, 1954:8, figs. 1 & 11 (head), 6 (antenna), 29 (abdomen). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Type ? AMNH*.

STRICTOR Hull, 1941a:1. Type-locality: Bolivia, Santa Cruz, Piedra Blanca (as "Brazil", Piedra"). Distr. — same. Type & AMNH*. Ref. —

Hull, 1954:17 (redescription), fig. 18 (head).

THECLA Hull, 1954:6, figs. 13 (head), 23 (wing), 30 (abdomen). Typelocality: Brazil, Guanabara, Rio de Janeiro. Distr. — Ecuador, Peru, Brazil. Type \, AMNH*.

Genus Microdon Meigen

MICRODON Meigen, 1803:275. Type-species, Musca mutabilis Linnaeus (mon.).

Chymophila Macquart, 1834:485. Type-species, splendens Macquart (mon.) = fulgens Wiedemann.

Chimophila, Osten-Sacken, 1875:46, 1878:119, misspelling.

Omegasyrphus Giglio-Tos, 1891:4. Type-species, Microdon coarctatus Loew (sub. mon., Giglio-Tos, 1892b:3).

Microdon, subg. Eumicrodon Curran, 1925a:50. Type-species, fulgens Wiedemann (orig. des.).

Pseudomicrodon Hull, 1937b:24. Type-species, Microdon beebei Curran

(orig. des.). N. SYN.

Chrysidimyia Hull, 1937c:116 (as Chysidimyia). Type-species, chrysidimima Hull (orig. des.). [Even though Hull spelled his generic name as Chysidimyia in the original description (3 times!) we consider this as a lapsus calami. Hull did refer to the "astonishing resemblance" of his group to chrysidid wasps and thereby indicated the intended derivation of his name. All subsequent spellings of this name (Hull, 1938:126, 1944e:241, 1949d:309) are as Chrysidimyia, which we here accept as a justified emendation].

Syrphipogon Hull, 1937c:120. Type-species, fucatissimus Hull (orig. des.).

Ref. — Curran, 1941 (keys).

Subgenus CERATOPHYA Wiedemann

CERATOPHYA Wiedemann, 1824:14 (as genus). Type-species, notata Wiedemann (Coquillett, 1910a:520).

Cerathophya, Wiedemann, 1830:79, misspelling.

CARINIFACIES Curran, 1934b:376. Type-locality: Guyana, Kartabo. Distr. — same. Type 9 AMNH*.

LONGICORNIS (Wiedemann), 1824:14 (Ceratophya). Type-locality: "Brazil". Distr. — same. Type ? VMNH. N. COMB.

NOTATUS (Wiedemann), 1824:14, fig. 9 (habitus, antenna, scutellum) (Ceratophya). Type-locality: "Brazil". Distr. — same. Type & VMNH*.

PANAMENSIS Curran, 1930f:6. Type-locality: Panama, Canal Zone, France Field. Distr. — same. Type & AMNH*.

Subgenus RHOPALOSYRPHUS Giglio-Tos

- RHOPALOSYRPHUS Giglio-Tos, 1891:3 (as genus). Type-species, *Holmbergia guentherii* Lynch Arribálzaga (sub. mon., Giglio-Tos, 1892b:1).
- Holmbergia Lynch Arribálzaga, 1891:195 (1892c:37). Type-species, guentherii Lynch Arribálzaga (mon.).
 Ref. Capelle, 1956 (key).
- CAROLAE (Capelle), 1956:174, figs. 3 (head), 4 (wing), 5 (scutellum) (Rhopalosyrphus). Type-locality: U.S.A., Arizona, Huachuca Mountains, Sunnyside Canyon, Distr. U.S.A. (Arizona), Mexico. Type © UK*. N. COMB.
- GUENTHERII (Lynch Arribálzaga), 1891:197 (1892c:39), fig. 3 (habitus) (Holmbergia). Type-locality: Argentina, Buenos Aires. Distr. Argentina, Surinam, Mexico. Type? MACN. Ref. Hull, 1949d: 315, figs. 14f (habitus), 14g (hind leg), 14h (head), 14i (abdomen); Doesburg, 1966:88, fig. 61 [not 62] (habitus); Thompson, 1969:76, fig. 6 (metasterna). N. COMB.

Subgenus CERIOMICRODON Hull

- CERIOMICRODON Hull, 1937b:25 (as genus). Type-species, petiolatus Hull (orig. des.).
- Cerioimicrodon, Hull, 1937b25, incorrect original spelling.
- PETIOLATUS (Hull), 1937b:25 (Cerioimicrodon). Type-locality: Brazil, west border of Mato Grosso. Distr. Peru, Brazil (Mato Grosso). Type & USNM*. Ref. Hull, 1949d:313, fig. 13e (habitus). N. COMB.

Subgenus RHOGA Walker

- RHOGA Walker, 1857:157. Type-locality, lutescens Walker (mon.).
- Papiliomyia Hull, 1937b:27. Type-species, sepulchrasilva Hull (orig. des.).
- LUTESCENS (Walker), 1857:157 (Rhoga). Tpe-locality: Brazil, Pará. Distr.
 same. Type 9 BM(NH). N. COMB.
- MACULATUS Shannon, 1927a:21. Type-locality: Bolivia, Prov. Sara, Santa Cruz de la Sierra. Distr. same. Type ♀ BM(NH).
- MELLEUS Curran, 1940:5. Type-locality: Guyana, Kaieteur, Tukheit Trail. Distr. Costa Rica, Panama, Guyana. Type & BM(NH).
- SEPULCHRASILVUS (Hull), 1937b:28 (Papiliomyia). Type-locality: Brazil, Rio Grande do Sul. Type & VMNH*. Ref. Hull, 1949d:315, fig. 14d (habitus). N. COMB.
- XANTHOPROSOPUS (Barretto & Lane), 1947:145 (Rhoga). Type-locality: Brazil, Minas Gerais, Arceburgo, Faz. Fortaleza. Distr. same. Type & MZUSP*. N. COMB.

Subgenus Masarygus Brèthes

- MASARYGUS Brèthes, 1908:441 (as genus). Type-species, planifrons Brèthes (orig. des.).
- Schizoceratomyia Carrera, Lopes & Lane, 1947a:245. Type-species, barrettoi Carrera, Lopes & Lane (orig. des.).

Johnsoniodon Curran, 1947a:1. Type-species, malleri Curran (orig. des.).

Ref. — Papavero, 1962 (key).

BARRETTOI (Carrera, Lopes & Lane), 1947a:245; 1947b:473, figs. 1 (habitus); 2-3 (head); 4-5, 13 (antenna); 6 (wing); 7-11 (male genitalia) (Schizoceratomyia). Type-locality: Brazil, Goiás, Corumbá, Fazenda Monjolinho. Distr. — Surinam, Brazil (Goiás, Rio de Janeiro. Type & MZUSP*. N. COMB.

CARRERAI (Papavero), 1962:324, fig. 4 (antenna) (Masarygus). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia.

Distr. — same. Type of MZUSP*. N. COMB.

FLAVIPES (Carrera, Lopes & Lane), 1947a:247; 1947b:476, figs. 14 (head), 15-16 (antenna), 17-19 (male genitalia) (Schizoceratomyia). Typelocality: Brazil, São Paulo, Alto da Serra, Parque Cajuru. Distr. — same. Type & MZUSP*. Ref. — Doesburg, 1966:92, fig. 65 (habitus). N. COMB.

MALLERI (Curran), 1947a:1, fig. 1 (habitus) (Johnsoniodon). Type-locality: Brazil, Santa Catarina, Corupá (Hansa Humboldt). Distr. —

same. Type ? AMNH*. N. COMB.

PLANIFRONS (Brèthes), 1908:442, figs. a-c (habitus), d+e (head), f+g (antenna) (Masarygus). Type-locality: Argentina, Buenos Aires, General Urquiza. Types & P MACN & MCSNM*.

Subgenus UBRISTES Walker

UBRISTES Walker, 1852:217 (as genus). Type-species, flavitibia Walker (mon.).

Hypselosyrphus Hull, 1937b:21. Type-species, trigonus Hull (orig des.). Ubristes, subg. Stipomorpha Hull, 1945b:74. Type-species, Microdon fraudator Shannon (orig. des.).

Carreramyia Doesburg, 1966:93. Type-species, Microdon megacephalus

Shannon (orig. des.). N. SYN.

ANAX Thompson (nom. nov. for analis Curran). Distr. — Brazil (Santa Catarina). NOM. NOV.

analis Curran, 1940:3 (preocc. Macquart, 1842). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type $\, \vec{\sigma} \,$ AMNH*.

ANGULATUS Hull, 1943e:715. Type-locality: Brazil, "Amazon, Ega" (= Tefé). Distr. — same. Type & BM(NH).

APICULUS Curran, 1930f;5. Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type & AMNH*.

CHRYSOPYGUS (Giglio-Tos), 1892c:1 (Ubristes). Type-locality: Mexico, Ori-

zaba. Distr. — same. Type ? UTOR. N. COMB.

CORBICULIPES (Papavero), 1962:320, figs. 2,3 (hind tibia + tarsus) (Hypselosyrphus). Type-locality: Brazil, Guanabara, Sumaré. Distr. — same. Type $\,^\circ$ MZUSP*. N. COMB.

FLAVITIBIA (Walker) 1852:217, pl. 5:2 (habitus), 2a (head), 2b (tarsus) (Ubristes). Type-locality: "Brasil". Distr. — Guyana, Brazil. Type & BM(NH). Ref. — Hull, 1949d:313, figs. 13f (hind leg), 13h (abdomen).

plaumanni Curran, 1940:3. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ? AMNH*. N. SYN.

FRAUDATOR Shannon, 1927a:20. Type-locality: "Amazon". Distr. — same. Type & BM(NH). Ref. — Hull, 1949d:313, fig. 13g (abdomen).

GOETTEI Shannon, 1927a:19. Type-locality: "Amazon". Distr. — same. Type ? BM(NH).

GUIANICUS Curran, 1925c:340. Type-locality: Guyana, Bartica. Distr. — Panama, Ecuador, Surinam, Guyana. Type 9 MCZ*. Ref. -Thompson, 1969:76, fig. 3 (head).

INARMATUS Curran, 1925d:5. Type-locality: Guyana, Bartica, Distr. —

Guyana. Type & MCZ*.

LACTEIPENNIS Shannon, 1927a:18. Type-locality: "Amazon". Distr. — same. Type ♂ BM(NH).

LANEI Curran, 1936b:5. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Trinidad, Brazil (São Paulo). Type 9 AMNH*.

MACKIEI Curran, 1940:5. Type-locality: Guyana, Rockstone. Distr. — same. Type ? AMNH*.

MEGACEPHALUS Shannon, 1925b:213. Type-locality: Panama, "Old Panama". Distr. — same. Type & USNM*. Ref. — Hull, 1949d:313, figs. 13a (habitus), 13b (hind leg), 13c (head).

MICROMIDAS Shannon, 1925a:112. Type-locality: Panama, Taboga Island.
Distr. — same. Type ? USNM*.

MIXTUS Curran, 1940:6. Type-locality: Guyana, Cuyuni River, Kamaria
Landing. Distr. — same. Type ? BM(NH).

PROCEDENS Curran, 1941:251. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. - same. Type & AMNH*.

PROCTERI Curran, 1941:251. Type-locality: Brazil, Santa Catarina. Nova Teutônia. Distr. — same. Type & AMNH*.

PUERILIS (Doesburg), 1966:86 (Ubristes). Type-locality: Surinam, Zanderij. Distr. — same. Type ? Doesburg. N. COMB.

SCOLOPUS Shannon, 1927a:20. Type-locality: "Amazon". Distr. — same. Type ♂ BM(NH).

SCUTELLARIS Shannon, 1927a:20. Type-locality: "Amazon". Distr. — same. Type 9 BM(NH). Ref. — Hull, 1949d:313, figs. 13d (head), 13i (scutellum), 13j (head), 13k (hind leg),

SIMILLIMUS Hull, 1950:611. Type-locality: Guyana, Essequibo River, Mo-

raballi Creek. Distr. - same. Type & BM (NH).

TENUICAUDUS Curran, 1925c:339. Type-locality: Peru, El Campamiento. Distr. — Peru, Brazil. Type ? CU*. Ref. — Curran, 1934b:526, figs. 26 (abdomen), 27 (head).
TRIANGULARIS Curran, 1940:6. Type-locality: Brazil, Mato Grosso, Doura-

dos. Distr. — Brazil (São Paulo, Mato Grosso). Type & AMNH*.

litoralis Papavero, 1964:21, figs. 1,2 (abdomen) (Ubristes). Typelocality: Brazil, São Paulo, Caraguatatuba, 40 m. Type & MZUSP*. N. SYN.

TRIGONIFORMIS Shannon, 1927a:19. Type-locality: Brazil, ?Vila Nova. Distr. - same, Type of BM(NH).

TRIGONUS (Hull), 1937b:21, fig. 9 (head), 9a (scutellum) (Hypselosyrphus). Type-locality: Panama, Canal Zone, Barro Colorado Island.
Distr. — same. Type & MCZ*. N. COMB.
ULOPOPUS (Hull), 1944j:34 (Ubristes). Type-locality: Peru, Putumayo Dist.,
Lachoruria. Distr. — same. Type & CU*. N. COMB.

WHEELERI Mann, 1928:168. Tpe-locality: Panama, Canal Zone, Red Tank. Distr. - same. Type & USNM*.

Subgenus Micropon Meigen

ABNORMIS Curran, 1925c:345. Type-locality: Venezuela, Caura Valley. Distr. — same. Type 9 MCZ*.

AEOLIDIFORMIS Wheeler, 1924:239, fig. 1 (larva, puparium). Type-locality: Panama, Canal Zone, Frijoles. Distr. — same. Type (larva) USNM. ANGUSTIVENTRIS (Macquart), 1855:105 (85) (Aphritis), Type-locality: "Amérique méridionale". Distr. — Guyana. Type & OXF*.

ANGUSTUS (Macquart), 1846:250 (122) (Aphritis). Type-locality: "Cayenne". Distr. - Colombia, Guyana. Type & MNHN?

AQUILINUS Giglio-Tos, 1892c:2. Type-locality: Mexico, Tuxpango. Distr. same. Type 9 UTOR.

ARGENTINAE Hull, 1937b:18. Type-locality: Argentina, Córdoba. Distr. same. Type & MCZ*.

AUREOSCUTUS Hull, 1943e:709. Type-locality: "Amazon". Distr. — same. Type of BM(NH).

AUREUS Hull, 1944c:35. Type-locality: Ecuador, Oriente, Río Naxo, Jatun Yacu, Watershed, 700 m. Distr. — same. Type 9 MCZ*.

AURICINCTUS (Sack), 1931:148, figs. 23a (head), 24 (habitus) (Rhopalosyrphus). Type-locality: Paraguay, St. Trinidad. Distr. — same. Type ♀ DEI. N. COMB.

AURIFACIUS Hull, 1937a:169. Type-locality: Brazil, São Paulo, Itaquaquecetuba. Distr. — same. Type & USNM*.

AURIFASCIA Hull, 1944e:245. Type-locality: Brazil, São Paulo, Alto da Serra (= Paranapiacaba). Distr. — same. Type & BM(NH).

AURIFEX Wiedemann, 1830:85. Type-locality: "Brazil". Distr. — Mexico (Guerrero), Brazil. Type 9 VMNH*. Ref. — Williston, 1891:pl. 1, fig. 2 (habitus), 2a (head).

trochilus Walker, 1852:216. Type-locality: "Mexico". Type 9 BM(NH). AURIGASTER Hull, 1941g:160. Type-locality: Bolivia, Prov. Sara. Distr. -

same. Type ♂ MCZ*.

AURULENTUS (Fabricius), 1805:185 (Mulio). Type-locality: U.S.A., "Carolina". Distr. - U.S.A. (New York to North Carolina); ?Mexico [Giglio-Tos, 1892e:35] (probably not neotropical). Type \circ (lost?). Ref. — Curran, 1925a:80 (redescription), 196, fig. 41 (antenna).

BALIOPTERUS Loew, 1872a:86 (1872b:262). Type-locality: U.S.A., Texas. Distr. - U.S.A. (California to Verginia, south to Florida); Mexico. Types & PMCZ (lost)*. Ref. — Curran, 1925a:87 (redescription), pl. 5:47 (scutellum + antenna), 9:47 (male genitalia).

var. BRUNNIPENNIS Hull. 1944i:400. Type-locality: Guatemala, St. Thomas. Type & VMNH*.

BANKSI Hull, 1942a:91. Type-locality: Cuba, coast below Pico Turquino. Distr. — same. Type 9 MCZ*.

BARBIELLINII Curran, 1936b:6. Type-locality: Brazil, São Paulo. Distr. —

same. Type of AMNH*. BARBOURI Hull, 1942a:89. Type-locality: Brazil, Paraná, Paranaguá. Distr.

— same. Type ♀ MCZ*. BASSLERI Curran, 1940:10. Type-locality: Peru, Rio Ucayali. Distr. — same. Type 9 AMNH*.

BATESI Shannon, 1927a:22. Type-locality: Brazil, Amazon. Distr. — same. Type ? BM(NH).

BEEBEI Curran, 1936b:4. Type-locality: Guyana, Kartabo. Distr. — Surinam, Guyana. Type ♀ AMNH*. Ref. — Doesburg, 1966:89, fig. 62 [not 61] (habitus).

BELLULUS (Williston), 1891:1, pl. 1:1 (habitus), 1b (head) (Mixogaster). Type-locality: Mexico, Guerrero, La Venta, 300 ft. Distr. — same. Type of BM(NH). N. COMB.

BICOLOR (Walker), 1857:151 (Ceratophya). Type-locality: Brazil, Pará.

Distr. — same. Type & BM(NH)*. N. COMB.

BIDENS (Fabricius), 1805:185 (Mulio). Type-locality: "America meridionali". Distr. - Guyana, Argentina. Type & MC*.

- BILUMINIFERUS Hull, 1944i:399. Type-locality: Brazil, Espírito Santo. Distr. — same. Type & VMNH*.
- BISPINA Hull, 1943e:707. Type-locality: Brazil, São Paulo. Distr. same. Type & BM(NH).
- BONARIENSIS Lynch Arribálzaga, 1891:194 (1892c:35), fig. 1 (wing). Typelocality: Argentina, Prov. Buenos Aires. Distr. same. Type? MACN.
- BRUCHI Shannon, 1927d:38. Type-locality: Argentina, Córdoba, Alta Gracia. Distr. same. Types $\,^\circ$ USNM & MACN?.
- BRUESI Hull, 1945b:77. Type-locality: Haiti, Port-au-Prince and vicinity.

 Distr. same. Type 9 MCZ*.
- BRUTUS Hull, 1944j:37. Type-locality: Brazil, Bahia, Igrapiúna. Distr. same. Type & CU*.
- CAESAR Curran, 1940:10. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*.
- CERIOIDES Hull, 1943e:716. Type-locality: Paraguay, San Bernardino. Distr. same. Type & BM(NH).
- CHRYSIDIMIMUS (Hull), 1937c:116 (Chysidimyia). Type-locality: Brazil, Santarém. Distr. same. Type & CM. Ref. Hull, 1938:128, fig. 7 (head).
 - chrysidiformis, Hull, 1944e:241, misspelling.
- CLARIPENNIS (Hine), 1914:334 (*Mixogaster*). Type-locality: Guatemala, Los Amates. Distr. same. Type & OhSU. N. COMB.
- COARCTATUS Loew, 1864a:74 (1864b:236). Type-locality: U.S.A., District of Columbia. Distr. U.S.A. (Nebraska to Maryland, south to Florida); Mexico. Types & PMCZ (lost FCT). Ref. Curran, 1925a:86 (redescription), pl. 5:46 (scutellum & antenna).
- conops Curran, 1940:4. Type-locality: Brazil, Mato Grosso, Maracaju. Distr. same. Type & AMNH*.
- CORONA Curran, 1940:9. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*.
- CRASSITARSIS (Macquart), 1848:198 (38) (Aphritis). Type-locality: "Rio Negro". Distr. same. Types & OXF*.
- CURRANI Goot, 1964:214 (nom. nov. for *clavicornis* Curran). Distr. Guyana.
 - clavicornis Curran, 1940:6 (preocc. Sack, 1926). Type-locality: Guyana, Mazaruni, High Forest. Type & BM(NH).
- CYANEIVENTRIS (Macquart), 1846:249 (121), pl. 10, fig. 14 (wing) (Aphritis). Type-locality: "Colombia". Distr. same. Types ? OXF*. cyanoventris, Williston, 1886:310, misspelling.
- CYANEUS Perty, 1930:186, pl. 37:4. Type-locality: Brazil, "Provincia Piauhiensis". Distr. same. Type(s) ? ZSM.
- DIAPHANUS Sack, 1921:146, figs. 21 (habitus), 22 (head). Type-locality: Paraguay, St. Trinidad. Distr. Brazil, Paraguay. Type & DEL.
- EMERALDA Hull, 1943e:719. Type-locality: "Guyana". Distr. same. Type $\vec{\sigma}$ BM(NH).
- EUTRISTIS Curran, 1925a:74, pl. 4:35 (head). Type-locality: Mexico, Yucatán. Distr. same. Type $\vec{\sigma}$ UK.
- FALCATUS Williston, 1887b:9. Type-locality: Mexico, Isthmus of Tehuantepec. Distr. same. Types \(\begin{align*} \text{USNM.} \end{align*} \)
- FENESTRATUS Hull, 1943e:712. Type-locality: "Amazon". Distr. same. Type σ BM(NH).
- FLAVIPENNIS Curran, 1925c:342. Type-locality: Guyana, Bartica. Distr. same. Type $\,^\circ$ MCZ.

FLAVOFASCIUM Curran, 1925c:346. Type-locality: Brazil, Minas Gerais, Lassance. Distr. — same. Type & CU*.

FLAVOLUNA Hull, 1943e:718. Type-locality: Paraguay, San Bernardino. Distr. — same. Type & BM(NH).

FLAVOMARGINATUS Curran, 1925b:245. Type-locality: Peru, Putamayo. Distr. — Brazil (Amapá), Peru. Type & CU*.

FUCATISSIMUS (Hull), 1937c:120 (Syrphipogon). Type-locality: "South America". Distr. — same. Type & CM. Ref. — Hull, 1938:128, fig. 6 (head).

FULGENS Wiedemann, 1830:82. Type-locality: U.S.A., Georgia [as "New Georgia"]. Distr. — U.S.A. (New Jersey south to Florida); Guyana. Type \(\Sum \) ZMB. Ref. — Curran, 1925a:50 (redescription), pl. 3:17 (habitus).

euglossoides Gray, 1832:779, pl. 125:2. Type-locality: ??? Type ? OXF?
 GAIGEI Steyskal, 1953:1, figs. 1a (wing tip), b (antenna), c (scutellum), d (head). Type-locality: Panama, Chiriqui Prov., Progreso. Distr.
 — Panama. Type ♀ MZM.

GEIJSKESI Doesburg, 1966:80. Type-locality: Surinam, near Paramaribo, Kwatta, parwa-wood. Distr. — Surinam. Type & Doesburg.

GRACILIS Bigot, 1883b:320. Type-locality: "Mexico". Distr. — same. Type & BM(NH)*.

GRANULATUS Curran, 1940:9. Type-locality: Guyana, Mazaruni. Distr. — Guyana. Type \(\begin{array}{c} & BM(NH) \end{array} \).

HERMETIA Curran, 1936b:3. Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type & AMNH*.

HERMETOIDES Curran, 1940:8. Type-locality: Guyana, Essequibo River, Moraballi Creek. Distr. — same. Type & BM(NH).

HISTRIO Wiedemann, 1830:83, pl. 9, fig. 6 (abdmen). Type-locality: Uruguay, Montevideo. Distr. — same. Type ? ZMB.

HONDURANIUS Hull, 1940a:247. Type-locality: "Honduras, Salada River, 15 miles inland from Ceiba". Distr. — same. Type & Hull.

IGNOBILIS (Rondani), 1848:73 (*Aphritis*). Type-locality: "Brazil". Distr. — same. Types ♂♀ MIZUN.

IHERINGI Bezzi, 1910:320. Type-locality: Brazil, State of São Paulo. Distr. — same. Type & MCSNM*.

INAEQUALIS Loew, 1866b:40 (1872b:100). Type-locality: "Cuba". Distr. — same. Type & MCZ (lost)*.

INSTABILIS Wiedemann, 1830:83. Type-locality: "Brazil". Distr. — Brazil, Argentina. Type & ZMB.

dives Rondani, 1848:72 (Aphritis). Type-locality: "Brazil". Type \vec{c} UTOR.

LAETUS Loew, 1864a:74 (1864b:236). Type-locality "Cuba". Distr. — U.S.A. (Maryland south to Texas, Florida); Antilles. Types MCZ (lost)*.

LANGI Curran, 1925c:341. Type-locality: Guyana, Kamakusa. Distr. — Guyana, Brazil. Type & CU*.

LAZULI (Hull), 1944e:241 (Chrysidimyia). Type-locality: "Amazons, Vila Nova". Distr. — same. Type \(\cap \) BM (NH).

LIMBATUS Wiedemann, 1830:85. Type-locality: Brazil, Rio Grande do Sul. Caçapava do Sul. Distr. — same. Type ? ZMB.

LURIDESCENS (Walker), 1857:151 (Ceratophya). Type-locality: "Valley of Amazon". Distr. — same. Type ? BM(NH)*. N. COMB.

MACQUARTII Lynch Arribálzaga, 1891:126 (1892c:30) (nom. nov. for angustus Macquart, 1848). Distr. — Uruguay.

angustus Macquart, 1848:198 (38) (Aphritis; preocc. Macquart, 1846).

Type-locality: "Minas". Types ♂ ♀ MNHN?

angustatus, Fluke, 1957:29, misspelling.

- MARCELI Curran, 1936b:7. Type-locality: Brazil, Mato Grosso, Chapada Distr. - same. Type & AMNH*.
- MELLOGUTTA Hull, 1943e:704. Type-locality: "Amazon". Distr. -- same. Type 9 BM(NH).
- MIRABILIS Williston, 1888:257. Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil (Mato Grosso, Santa Catarina), Paraguay. Types ♂ ♀ AMNH*.
 - bertonii Bezzi, 1910:319. Type-locality: Paraguay, Puerto Bertoni. Types & P MCSNM. N. SYN.
 - arcuata Curran, 1941:250. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type & AMNH*. N. SYN.
- MITIS Curran, 1940:7. Type-locality: Brazil, Rio de Janeiro. Distr. Brazil (Rio de Janeiro, Santa Catarina). Type & AMNH*.
- Mus Curran, 1936b:5. Type-locality: Brazil, São Paulo, Juquiá. Distr. same. Type & AMNH*.
- NERO Curran, 1936b:6. Type-locality: Brazil, São Paulo. Distr. Brazil (São Paulo, Santa Catarina). Type & AMNH*.
- NESTOR Curran, 1940:11. Type-locality: Brazil, Santa Catarina, Nova Teutônia, Distr. — same. Type & AMNH*.
- NIGER Williston, 1891:4, pl. 1:3 (habitus), 3a (head). Type-locality: Mexico, Vera Paz, Panima. Distr. — Mexico, Bolivia, Type & BM(NH).
 - manni Shannon, 1923b:80. Type-locality: Bolivia, Ivon, Río Beni. Type ♀ USNM*. N. SYN.
- NIGRISPINOSUS Shannon, 1927a:21. Type-locality: Brazil, Amazonas, Tefé (as Ega). Distr. — Panama, Brazil. Type & BM(NH).
- NORMALIS Curran, 1925c:343. Type-locality: Guyana, West bank of Deme-
- rara River. Distr. Guyana. Type 🖇 AMNH*. oLigonax Hull, 1944j:35. Type-locality: Ecuador, Pto. America, Río Putumayo. Distr. — Ecuador, Brazil. Type ? CU*.
- opulentus Bigot, 1883b:319. Type-locality: "Brazil". Distr. same. Type & BM(NH).
- PAUPER (Rondani) 1848:74 (Aphritis). Type-locality: "Brazil". Distr. same. Type & MIZUN.
- PULCHER Williston, 1887b:5. Type-locality: Cuba, San Domingo. Distr. Mexico (Durango), Cuba. Type ♀ USNM*.
- REMOTUS Knab, 1917:142. Type-locality: Cuba. Distr. same. Type of USNM*.
- REMUS Curran, 1941:250. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. → same. Type ? AMNH*.
- RHEOCHRYSSUS Hull, 1944j:38. Type-locality: Argentina, Jujuy, S. Juancito. Distr. — Brazil (São Paulo), Argentina (Jujuy). Type & CU*.
- RUBRIVENTRIS Lynch Arribálzaga, 1891:128 (1892c:32), fig. 2 (head). Typelocality: Argentina, Buenos Aires, Chacabuco. Distr. - same. Type ? MACN.
- RUFIVENTRIS (Rondani), 1848:73 (Aphritis). Type-locality: "Brazil". Distr. same. Type ? MIZUN.
- SEABRAI (Papavero), 1962:317, fig. 1 (head) (Pseudomicrodon). Type-locality: Brazil, Guanabara, Sumaré. Type & Seabra. N. COMB.
- SHANNONI Curran, 1940:8. Type-locality: Brazil, Mato Grosso, Maracaju. Distr. — same. Type ? AMNH*.
- SOLITARIUS Curran, 1930f:8. Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type ? AMNH*. SPLENDENS Wiedemann, 1830:84. Type-locality: "Brazil". Distr. — Brazil
- (Mato Grosso, Santa Catarina). Type & VMNH*.

STRAMINEUS Hull, 1943e:703. Type-locality: Brazil, Pará. Distr. — same. Type 9 BM(NH)

SUPERBUS Wiedemann, 1830:82. Type-locality: "Brazil". Distr. — same.

Type ? SMF*.

TIGRINUS Curran, 1940:11. Type-locality: Brazil, Rio de Janeiro, Distr. same. Type of AMNH*.

TRILINEA Hull, 1943e:710. Type-locality: "Amazon". Distr. — same. Type & BM(NH).

TRIVITTATUS Curran, 1925c:344. Type-locality: Guyana, Kartabo. Distr. — Guyana, Brazil (Amapá). Type of AMNH*.

violaceus (Macquart), 1842:73 (13), pl. 1, figs. 3 (habitus), 3a (head) (Aphritis). Type-locality: "Chile". Distr. — Chile (Coquimbo — Malleco). Type & MNHN*.

VIOLENS Townsend, 1895a:34. Type-locality: "Jamaica". Distr. -- same. Type ♀? UK.

VIRGO Curran, 1940:7. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. - same. Type & AMNH*.

VIRIDIS Townsend, 1895b:610. Type-locality: Mexico, Baja California, San José del Cabo. Distr. — Canada (British Columbia), U.S.A. (California); Mexico. Type 9 CAS (destroyed).

WILLISTONI Mik, 1899:143 (nom. nov. for inermis Williston). Distr. — Argentina.

inermis Williston, 1888:258 (preocc. Loew, 1858). Type-locality: Argentina, Entre Ríos. Type & AMNH*.

Genus Nothomicrodon Wheeler

NOTHOMICRODON Wheeler, 1924:243. Type-species, aztecarum Wheeler (orig.

AZTECARUM Wheeler, 1924:243, fig. 2 (habitus), 3 (details of puparium). Type-locality: Panama, Canal Zone, Frijoles. Types (larvae) USNM*.

Subfamily MILESIINAE

Tribe PIPIZINI

Genus Pipiza Fallén

PIPIZA Fallén, 1810:11. Type-species, Musca noctiluca Linnaeus (Curtis, 1837:pl. 669).

Penium Philippi, 1865:741. Type-species, triste Philippi (mon.). Ref. - Shannon & Aubertin, 1933 (key).

AURANTIPES (Bigot), 1857a:297, pl. 7:8 (wing, head, antenna) (*Cheilosia*).

Type-locality: "Chile". Distr. — Chile. Type & OXF*.

flavipes Philippi, 1865:738 (Sterphus; preocc. Philippi, 1865). Typelocality: "Chile". Type(s) ? MNHNS.

?BELLULA Williston, 1891:6. Type-locality: Mexico, Guerrero, Xucumanatlán, 7000 ft. Distr. - same. Types & BM(NH).

CLARIPENNIS Shannon & Aubertin, 1933:144. Type-locality: Chile, Casa Pangue. Distr. — Chile, Argentina (Neuquén). Type & BM(NH).

FLAVIPES (Philippi), 1865:pl. 27, fig. 41 (*Penium*). Type-locality: "Chile". Distr. — same. Type(s) ? MNHNS [as 1st revisers, we here recognize Penium flavipes as senior to Sterphus flavipes Philippi].

?HIRSUTOPS Hull, 1949c:744. Type-locality: Mexico, Oaxaca. Distr. — same. Type ♂ BM(NH).

TRISTIS (Philippi), 1865:741 (*Penium*). Type-locality: Chile, Corral. Distr. — Chile. Type(s) ? MNHNS.

dubium Bigot, 1884a:557 (Penium). Type-locality: "Chile". Types ♂♀ BM(NH).

Genus Trichopsomyia Williston

TRICHOPSOMYIA Williston, 1888:259. Type-species, polita Williston (Hull, 1949d:330).

Halictomyia Shannon, 1927a:13. Type-species, boliviensis Shannon (orig. des.).

Ref. — Fluke, 1937 (key).

BOLIVIENSIS (Shannon), 1927a:13, fig. 6 (wing) (Halictomyia). Type-locality: Bolivia, Cavinas, Beni. Distr. — same. Type & USNM. CATHARINENSIS (Enderlein), 1938:195 (Pipiza). Type-locality: Brazil, Santa

Catarina, Hochland. Type ? ZMB. N. COMB.

CURRANI Fluke, 1937:2, fig. 1 (abdomen). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type ? AMNH*.

GRANDITIBIALIS Fluke, 1937:3, figs. 4 (hind leg), 5 (antenna). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type ? AMNH*.

LASIOTIBIALIS Fluke, 1937:2, figs. 2 (head), 3 (antenna). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*

LONGICORNIS Williston, 1888:261. Type-locality: Brazil, Mato Grosso, Chapada. Distr. - same. Type ? AMNH*

POLITA Williston, 1888:260. Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Types ♂ ♀ AMNH*.

PUELLA Williston, 1888:260. Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Types ♂ ♀ AMNH*.

TUBERCULATA Williston, 1888:260. Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Type ? AMNH*.

ULEANA (Enderlein), 1938:195 (Pipiza). Type-locality: Brazil, Santa Catarina, Hochland. Distr. - same. Type & ZMB. N. COMB.

URANIA Hull, 1949a:73. Type-locality: Peru, Pucallpa. Distr. — same. Type ♂ Hull.

Tribe CHEILOSIINI

Genus Cheilosia Meigen

CHEILOSIA Meigen, 1822:296. Type-species, Eristalis scutellatus Fallén (Rondani, 1856:51).

Chilosia, auctorum, misspelling or emendation.

Ref. — Hull & Fluke, 1950 (rev. of subgroups).

Subgenus Cheilosia Meigen

Ref. — Hull & Fluke, 1950 (rev., key).

?AUROTECTA Giglio-Tos, 1892d:4. Type-locality: Mexico, Orizaba. Distr. same. Types & Q UTOR. Ref. — Giglio-Tos, 1893: fig. 22 (head). auritecta, Fluke, 1957:44, misspelling.

CHRYSOCHLAMYS Williston, 1891:8, pl. 1:4 (habitus), 4a (head) (Chilosia). Type-locality: Mexico, Guerrero, Omiltemi; Sierra de las Aguas Escondidas, 9500 ft. Distr. — U.S.A. (California), Mexico.

Types & P BM(NH) & AMNH*. Ref. — Hull & Fluke, 1950:346

(redescription), fig. 35 (head).

SORORIA Williston, 1891:8 (Chilosia). Type-locality: Mexico, Durango, Ciudad. Distr. — same. Types ? BM(NH). Ref. — Hull & Fluke, 1950: 348 (redescription), fig. 24 (head).

Subgenus Cartosyrphus Bigot

CARTOSYRPHUS Bigot, 1883b:230 (as genus). Type-species, Syrphus paganus Meigen (Coquillett, 1910b:376). Ref. — Fluke & Hull, 1947 (rev., key).

(Bigot), 1884a:553 (Cartosyrphus). Type-locality: "Mexico". FRONTOSA

Distr. — same, Type & BM(NH).

SORORCULA Williston, 1891:9 (Chilosia). Type-locality: Mexico, Guerrero: Omiltemi, 8000 ft., Xucumanatlán, 7000 ft.; Sierra de las Aguas Escondidas, 7000 ft. Distr. — U.S.A. (Oregon to Idaho), south to Mexico. Types & BM(NH). Ref. — Fluke & Hull, 1947:250, fig. 33 (head) (redescription).

Genus Rhingia Scopoli

RHINGIA Scopoli, 1763:358. Type-species: Conops rostrata Linnaeus (mon.). LONGIROSTRIS Fluke, 1943:430, figs. 10 (wing tip), 11 (head). Type-locality: Ecuador, Bolivar, Hda, Talahua, 3100 ft. Distr. — same. Type & AMNH*.

NIGRA Macquart, 1846:261 (133), tab. 11:10 (head). Type-locality: "Colombia". Distr. — Mexico (Tabasco), Colombia, Brazil. Types &

OXF*. Ref. — Fluke, 1943:427, fig. 12 (head). harrisi Curran, 1925b:253. Type-locality: Brazil, Rio de Janeiro, Pe-

trópolis. Type & CU. N. SYN.

Genus Chamaesyrphus Mik

CHAMAESYRPHUS Mik, 1895:133. Type-species, Rhingia scaevoides Fallén (mon.).

WILLISTONI (Snow), 1895a:187 (Pelecocera). Type-locality: U.S.A., New Mexico. Distr. — U.S.A. (New Mexico), Mexico. Type ? UK. skinneri Johnson, 1903:101 (Chilosia). Type-locality: U.S.A., New Mexico, Beulah. Type ? ANSP. N. SYN.

Tribe VOLUCELLINI

Genus Ornidia Lepeletier & Serville

ORNIDIA Lepeletier & Serville, in Latreille et al., 1828:786. Type-species, Syrphus obesus Fabricius (orig. des.). Refs. — Curran, 1930d (key); Val, 1972 (key, biometry, evolution).

AEMULA (Willison), 1888:272 (Volucella). Type-locality: Bolivia, Santa Cruz, Piedra Blanca. [4 km West of Corumbá, Mato Grosso, Brazil]. Distr. — Venezuela, Bolivia, Colombia, Brazil. Types 🕹 AMNH*.

MAJOR Curran, 1930d:2. Type-locality: "Brazil". Distr. — Costa Rica,

Panama, Ecuador, Peru, Brazil. Type of AMNH*.

OBESA (Fabricius), 1775:763 (Syrphus). Type-locality: "America". Distr. -U.S.A. (Georgia, New Mexico, Texas, Florida); south to Peru and Argentina (Entre Rios, Tucumán). Types? Kiel [not found — JRV]. Ref. — Williston, 1887b:312 (redescription), pl. 5:9 (head); Sack, 1921:138 (description), figs. 12 (larva), 11e (spiracular horn), 13 (anal organ of larva), 14 (puparium); Curran, 1925a: 206, pl. 10:141 (male genitalia).

violacea Macquart, 1842:83 (23) (Volucella; preocc. Lepeletier & Serville, 1828; Say, 1830). Type-locality: Brazil. Type \, MNHN.

obesoides Giglio-Tos, 1892c:4 (Volucella). Type-locality: Mexico. Type & UTOR*. N. SYN.

Genus Tachinosyrphus Hull

TACHINOSYRPHUS Hull, 1936b:167. Type-species, pseudotachina Hull (orig. des.).

PSEUDOTACHINA Hull, 1936b:167. Type-locality: Peru, Crucero, Moscardones. Distr. — same. Type & USNM*. Ref. — Hull, 1949d:349, fig. 20f (head).

Genus Copestylum Macquart

COPESTYLUM Macquart, 1846:252 (124). Type-species, flaviventris Macquart (mon.) = marginatum Say.

Phalacromya Rondani, 1848:67. Type-species, submetallica Rondani (Coquillett, 1910a:587).

Phalacromyia, emendation.

Glaurotricha Thomson, 1869:493. Type-species, muscaria Thomson (mon.). Haurotricha Thomson, 1869:493. Incorrect original spelling of Glaurotricha Thomson (1st reviser, Bigot, 1883b:250).

Atemnocera Bigot, 1882a:cxiv. Type-species, Volucella scutellata Macquart (mon.).

Apophysophora Williston, 1888:276. Type-species, scutellata Williston (Curran, 1930d:5) = trituberculatum Thompson.

Megametopon Giglio-Tos, 1891:5. Type-species, Ophromyia nasica Williston (Williston, 1892:79 & Giglio-Tos, 1892e:44).

Ophromyia Williston, 1891:55. Type-species, nasica Williston (mon.).

Camerania Giglio-Tos, 1892a:3. Type-species, macrocephada Giglio-Tos

(as Temnocera megacephala? Loew; orig. des.).

Viereckomyia Curran, 1925b:246. Type-species, Temnocera gibbera Schiner (orig. des.).

Lepidopsis Curran, 1925b:247. Type-species, compactus Curran (orig. des.). Lepidosis, Thompson, 1965, misspelling.

Volucella, subg. Volosyrpha Shannon, 1929:575. Type-species, tibialis Shannon (orig. des.) = rufitarse Thompson.

Volucellosia Curran, 1930d:5. Type-specie, Volucella fornax Townsend (orig. des.).

Refs. — Curran, 1930d (keys); Curran, 1939a (key); Curran, 1947b (key to vesicularium group); Curran, 1953 (keys to abdominale and esuriens groups); Curran, 1935 (key to marginatum group); Fluke, 1953 (key to scutellatum group).

ABDOMINALE (Wiedemann) 1830:196 (Volucella). Type-locality: "Cuba".

Distr. — U.S.A. (Florida); Bahamas (Grand Turk I.), Cuba.

Types & VMNH & ZMB. Ref. — Curran, 1926a: 64 (redescription). N. COMB.

ABRUPTA (Curran), 1925b:251 (*Phalacromyia*). Type-locality: Brazil, Rio Grande do Norte, Baixa Verde. Distr. — Venezuela, Brazil.

Type & CU. Ref. — Fluke, 1951b:22 (redescription), figs. 10 (head), 19 (wing), 34 (scutellum). 44 (antenna). N. COMB.

ACUTIFRONS (Curran), 1939b:12 (Volucella). Type-locality: Peru, Tarapoto

Region. Distr. - Peru. Type of AMNH*. N. COMB.

ALBIFRONS (Curran), 1939b:16 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. N. COMB.

ALBIPILOSUM (Hull), 1937a:166 (Volucella). Type-locality: Mexico, San Martin. Distr. — same. Type & USNM*. N. COMB.

ALBITARSE (Lynch Arribálzaga), 1892b:244 (1892c:145) (Phalacromyia). Type-locality: Argentina, Altas Misiones. Distr. — same. Type MACN. N. COMB.

ALCEDO (Curran), 1926a:53; 1934b:388 (Volucella). Type-locality: "Venezuela". Distr. — Guyana, Venezuela. Type 9 MCZ*. N. COMB.

ALCEDOIDES (Curran), 1939b:11 (Volucella). Type-locality: Trinidad, St. Ann's. Distr. — same. Type & AMNH*. N. COMB.

ALCHIMISTA (Rondani), 1848:64, fig. 2 (wing) (Volucella). Type-locality:

"Brazil". Distr. — same. Type & MIZUN. N. COMB.

AMBROSETTII (Lynch Arribálzaga), 1892d:179 (1892c:129) (Volucella). Type-locality: Argentina, Misiones, Moconá. Distr. — same. Types ♂ ♀ MACN. N. COMB.

AMETHYSTINUM (Bigot), 1875:479 (Volucella, as amethistina; emendation: Williston, 1891:52). Type-locality: "Mexico". Distr.

Type ♂ OXF*. N. COMB.

(Williston), 1887b:138, pl. 6:8 (head) (Volucella). Type-locality: ANNA U.S.A., Arizona. Distr. — U.S.A. (Arizona, New Mexico); Mexico (Chiapas). Type & USNM*. Ref. — Curran, 1925a:206, pl. 10:142 (male genitalia). N. COMB.

APERTUM (Walker), 1860:292 (Volucella). Type-locality: "Mexico". Distr.

— same. Type ♂ BM(NH). N. COMB.

APICALE (Loew), 1866a:151 (1872b:25) (Volucella). Type-locality: "Cuba". Distr. — U.S.A. (Maryland [Wirth, et al., 1965:600]); Cuba. Type & MCZ. Ref. — Williston, 1887b:149 (redescription). N. COMB.

APICIFERUM (Townsend), 1895a:40 (Volucella). Type-locality: U.S.A., New Mexico, Las Cruces. Distr. — U.S.A. (California to Arizona);

Mexico. Type 9 UK. N. COMB.

APICULA (Curran), 1939b;6 (Volucella). Type-locality: Peru, Middle Rio

Ucayali. Distr. — Panama, Brazil (Acre), Peru. Type & AMNH*.

ARICA (Fluke), 1950b:450, figs. 14 (head), 15 (antenna), 16 (male genitalia) (Volucella). Type-locality: Chile, Arica, Putre, 3650 m.

Distr. — Chile (Antofagasta, Tarapacá). Type & UCSC. N. COMB.

ARICIA (Curran), 1930d:22 (Volucella). Type-locality: Argentina, foothills west of Mendoza. Distr. — Argentina (Tucumán to Río Negro).

Type ? AMNH. N. COMB.

diversum Fluke, 1951b:11, figs. 3 (head), 25 (scutellum), 38 (antenna), 52 (male genitalia) (Volucella). Type-locality: Argentina, Río Negro, Isla Choele Choel. Type & IML. N. SYN.

ASTARTE (Hull, 1950a:70 (Volucella). Type-locality: Peru, Pucalipa. Distr.

— same. Type & Hull. N. COMB.
(Curran), 1939b:3 (Volucella). Type-locality: Peru, Piches and Perené Valleys, 2000-3000 ft. Distr. — same. Type ? AMNH*. N. COMB.

AUREUM (Fluke), 1951b:13, figs. 6 (head), 27 (scutellum) (Volucella). Type-locality: Colombia, Cundinamarca, Zipacoa. Distr. — same. Type ♀ AMNH*. N. COMB.

AVIDUM (Osten-Sacken), 1877:333 (Volucella). Type-locality: U.S.A., California. Distr. - Canada (British Columbia) south to U.S.A. (California & Texas); Mexico (Guanajuato). Types & MCZ*. Ref. — Williston, 1887b:139 (redescription). N. COMB.

AZUREUM (Philippi), 1865:734 (Volucella), Type-locality: Chile, Colchagua, "Prope Llico". Distr. — Chile (Aconcagua — Linares), Argentina.

Type & MNHNS. N. COMB.

AZURINUM (Hull), 1941h:314 (Volucella). Type-locality: Brazil, Bonito(?). Distr. — same. Type & Hull. N. COMB.

BASSLERI (Curran), 1939b:9 (Volucella). Type-locality: Peru, Iquitos. Distr. — same. Type & AMNH*. N. COMB.

BEATRICEA (Hull), 1950c:235 (Volucella). Type-locality: "Ecuador". Distr. - Ecuador. Type ? Hull. N. COMB.

ecuadorea Fluke, 1951b:14, figs. 7 (head), 28 (scutellum), 51 (male genitalia) (Volucella). Type-locality: Ecuador, Azuay, Cuenca, 2650 m. Type ♂ AMNH*.

BELINDA (Hull), 1949h:31 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & Hull. N. COMB.

- BELLULUM (Williston), 1891:42 (Phalacromyia). Type-locality: Mexico, North Yucatán, Temax. Distr. — same. Types & BM(NH). N. COMB.
- BEQUAERTI Curran, 1930f:2. Type-locality: Mexico, Yucatán, Chichén Itzá. Distr. — same. Type ♂ AMNH*.
- BIMACULATUM (Sack), 1941:110 (1951:106) (Phalacromyia). Type-locality: Peru, Pichis and Pachitea. Distr. — same. Types & P MD. N. COMB.
- BINOMINATUM (Goot), 1964:214 (Volucella; nom. nov. for fuscipenne Macquart), Distr. — Bolivia. N. COMB.
 - fuscipenne Macquart, 1850:435 (131), pl. 12, fig. 14 (head) (Volucella; preocc. Macquart, 1842). Type-locality: Bolivia, Chiquitos. Type 9 MNHN. N. COMB.
- BIPUNCTATUM (Hull), 1941g:157 (Phalacromyia). Type-locality: Paraguay, Pastorea. Distr. — same. Type & MCZ*. N. COMB.
 BOLIVIANUM (Hine), 1914:338 (Volucella). Type-locality: Bolivia, La Paz.
 - Distr. Bolivia, Peru. Type ? OhSU. N. COMB.
- BRADLEYI (Curran), 1925c:348 (Volucella). Type-locality: Peru, Matucana. Distr. — Chile (Tarapacá), Peru (Lima, Arequipa). Type ? CU. Ref. — Fluke, 1951b:26 (redescription). N. COMB.
- BRAZILIANUM (Hull), 1938:124, fig. 4 (head) (Volucella). Type-locality: Brazil, Amazonas, Rio Purus, Huitanaã. Distr. — same. Type 🖁 CM. N. COMB.
- BREVE (Giglio-Tos), 1892c:4 (Volucella). Type-locality: Mexico, Meztillán.
- Distr. same. Types & Q UTOR. N. COMB.

 BREVIFACIES (Curran), 1926a:52; 1934b:386, fig. 29 (head) (Volucella).

 Type-locality: Guyana, Kartabo. Distr. Guyana, Brazil (Santa Catarina), Argentina (Tucumán). Type ? AMNH*. N. COMB.
- BREVIVITTATUM (Curran), 1930d:14 (Volucella). Type-locality: Brazil, Mato Grosso), Argentina (Misiones). Type & AMNH*. N. COMB.
- (Curran), 1939b:6 (Volucella). Type-locality: Cuba, Oriente, Sierra del Cobre, Loma del Gato. Distr. — same. Type & AMNH*. N. COMB.
- BRUNNICOLOR (Hull), 1938:123, figs. 8 (head), 9 (abdomen) (Volucella). Type-locality: Brazil, Pará, Santarém. Distr. — same. Type & CM. N. COMB.
- BRUNNIGASTER (Hull), 1943k:41 (Volucella). Type-locality: Colombia, Meta District. Distr. — same. Type ♂ USNM. N. COMB.

BULBOSUM (Fluke) 1951b:24, figs. 13 (head), 35 (scutellum), 45 (antenna), 63 (male genitalia) (Volucella). Type-locality: Ecuador, Tungurahua, Volcano Tungurahua, Minza Chica, 3750 m. Distr. — Ecuador, Argentina (Catamarca, Tucumán). Type & AMNH*. N. COMB.

CAESARIATUM (Williston), 1891:49 (Volucella). Type-locality: Mexico, Orizaba. Distr. — U.S.A. (Arizona), Mexico. Type 9 BM(NH). N. COMB.

coesariata, Giglio-Tos, 1892, misspelling.

hirsuta Giglio-Tos, 1892c:3 (Volucella). Type-locality: Mexico, Meztillán. Type & UTOR.

CALCCHAETUM (Hull), 1941h:313 (Volucella). Type-locality: "Brazil". Distr.

– same. Type & Hull. N. COMB.

CAMPOSI (Curran), 1939b:8 (Volucella). Type-locality: Ecuador, Isla Puná, Puerto Grande. Distr. — Ecuador, Argentina (Tucumán). Type o AMNH*. N. COMB.

CHAETOGASTER (Hull), 1943d:22 (Volucella). Type-locality: Brazil, Amazon. Distr. — same. Type 9 BM(NH). Ref. — Hull, 1949d:349, fig. 20h

(antenna), 20i (head). N. COMB.

CHAETOPHORUM (Williston), 1887b:149 (Volucella). Type-locality: Mexico, Isthmus of Tehuantepec. Distr. — Mexico. Types & 9 USNM. Ref. — Williston, 1892: pl. 1:15 (habitus), 15a (head), 15b (antenna). N. COMB.

CHALYBESCENS (Wiedemann), 1830:204 (Volucella). Type-locality: "Brazil". Distr. — Cuba, Trinidad, Colombia, Paraguay, Brazil. Type(s) & VMNH [also 3°, SMF*, syntypes?]. Ref. — Curran, 1926a:59 (redescription). N. COMB.

CHAPADENSE (Curran), 1930d:13 (Volucella). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil (Mato Grosso), Peru, Argentina

(Tucumán). Type ? AMNH*. N. COMB. CHLOROSUM (Hull), 1930:148 (Volucella). Type-locality: "Mexico". Distr. same. Type 9 ANSP. N. COMB.

CINCTIVENTRE (Curran), 1930d:16 (Volucella). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type 🤉 AMNH*. N. COMB.

CIRCE (Curran), 1939b:1 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. N. COMB. CIRCUMDATUM (Walker), 1857:154 (Temnocera). Type-locality: "Valley of

Amazon". Distr. — same. Type ? BM(NH). N. COMB.

CIRCUMSCRIPTUM (Curran), 1939b:13 (Volucella). Type-locality: Brazil, São Paulo. Distr. - same. Type AMNH*. N. COMB.

CLARIPENNE (Curran), 1925b:247 (Phalacromyia). Type-locality: Peru, Lima. Distr. — same. Type & CU. N. COMB.

CLARUM (Hull), 1942h:22 (Volucella). Type-locality: Brazil, São Paulo, Ipiranga. Distr. — same. Type ? Hull. N. COMB.

COCKERELLI (Curran), 1927c:85 (Volucella). Type-locality: Peru, Tingo Maria. Distr. — Chile, Peru. Type & AMNH*. Ref. — Fluke, 1951b:17 (description), figs. 46 (antenna), 60 (male genitalia). N. COMB.

COLOMBIENSE Thompson (nom. nov. for bequaerti Curran, 1936). Distr. -Mexico, Guatemala. NOM. NOV.

bequaerti Curran, 1936b:9 (Volucella; preocc. Curran, 1930). Typelocality: Guatemala, Guatalón, Moca, 3000 ft. Type ? AMNH*.

COMPACTUM (Curran), 1925b:247 (Lepidopsis). Type-locality: Brazil, Rio de Janeiro. Distr. — Brazil (Rio de Janeiro, Santa Catarina). Type & CU. N. COMB.

COMSTOCKI (Williston), 1887b:138, pl. 6:9 (head) (Volucella). Type-locality: U.S.A., Arizona & New Mexico. Distr. — U.S.A. (Utah to Wyoming, south to Arizona & Texas); Mexico (Sonora). Types & \$\varphi\$ USNM. N. COMB.

CONCINNUM (Philippi), 1865:733 (Volucella). Type-locality: Chile, Prov. Santiago & Prov. Aconcagua. Distr. — Chile (Coquimbo — San-

tiago). Types ♂ ♀ MNHS. N. COMB.

CONIFACIUM (Hull), 1943d:39 (Volucella). Type-locality: "Trinidad". Distr. — same. Type & BM(NH). N. COMB.

CONTUMAX (Curran), 1939b:4 (Volucella). Type-locality: "Brazil". Distr. —

same. Type & AMNH*. N. COMB.

- CORDIAE (Townsend), 1897a:27 (Volucella). Type-locality: Mexico, Vera Cruz, Río Nautla, San Rafael. Distr. — same. Types ? BM(NH). N. COMB.
- CORRECTUM (Curran), 1927c:87 (Volucella). Type-locality: Costa Rica, San José. Distr. Panama, Trinidad. Type & UK. N. COMB.
- CORUMBENSE (Curran), 1930d:18 (Volucella). Type-locality: Brazil, Mato Grosso, Corumbá. Distr. — same. Type ? AMNH*. N. COMB.
- CRAVERII (Giglio-Tos), 1892c:2 (Volucella). Type-locality: "Mexico". Distr. same. Type & UTOR. N. COMB.
- CREPUSCULARIUM (Hull), 1942g;94 (Volucella). Type-locality: Brazil, Paraná, Paranaguá. Distr. same. Type ? MCZ. N. COMB.
- CUBOMACULATUM (Hull), 1937a:167, fig. 5 (abdomen) (Volucella). Typelocality: Peru, Iquitos. Distr. same. Type ? USNM. N. COMB.
- CUPRICOLOR (Hull), 1948b:6 (Volucella). Type-locality: "Venezuela". Distr.

 same. Type

 USNM. N. COMB.
- CURIOSUM (Curran), 1939b:1 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*. N. COMB.
- CURRANI (Fluke), 1951b:12, figs. 5 (head), 26 (scutellum), 48 (male genitalia) (Volucella). Type-locality: Ecuador, Azuay, Cuenca, 2650 m. Distr. Ecuador. Type ? AMNH*. N. COMB.
- CYANESCENS (Macquart), 1842:84 (24), pl. 6, figs. 1 (habitus), 1a (head) (Volucella). Type-locality: "Brazil". Distr. Guyana, Brazil. Type ? MNHN? [not found JRV]. N. COMB.
- СУАНОРГОСТИМ (Curran), 1939b:11 (Volucella). Type-locality: "Peru". Туре & AMNH. N. COMB.
- CYANOPRORA (Curran), 1939b:10 (Volucella). Type-locality: Venezuela, Caura Valley. Distr. same. Type & AMNH. N. COMB.
- DECEPTOR (Curran), 1925b:248 (*Phalacromyia*). Type-locality: Venezuela, Caura Valley. Distr. Venezuela, Brazil (Mato Grosso). Type & MCZ*. Ref. Curran, 1930d:13, fig. 1 (head). N. COMB.

fuscipennis, Williston, 1888:276, misidentification.

- DELILA (Hull), 1950c:230 (Volucella). Type-locality: Peru, Chanchamayo. Distr. same. Type & Hull. N. COMB.
- DICHOPTICUM Thompson (nom. nov. for *violaceum* Curran). Distr. Mexico (Yucatán), Panama, NOM, NOV.
 - violaceum Curran, 1930f:1 (Megametopon; preocc. Say, 1830). Typelocality: Mexico, Yucatán, Chichén Itzá. Type & AMNH.
- DICHROICUM (Giglio-Tos), 1892c:3 (Volucella). Type-locality: Mexico, Huastec. Distr. Mexico, Guatemala. Type \, UTOR. N. COMB.
- DIMORPHIUM (Curran), 1939b:14 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (Santa Catarina), Argentina (Tucumán). Type & AMNH*. N. COMB.

DISCALE (Curran), 1926a:57 (Volucella). Type-locality: "Grenada". Distr.

- same. Type & USNM. N. COMB.

DISPAR (Macquart), 1846:251 (123), pl. 11, figs. 2 (wing), 2a (head) (Volucella). Type-locality: "New Grenada". Distr. — Guatemala, Panama, Colombia, Venezuela. Types & OXF* & MNHN? N. COMB.

?metalliferum Walker p.p., 1849:636 (Volucella). Type-locality: "Venezuela". Type 9 BM(NH) [Curran, 1953:8 split the species without designation of lectotype; the specimen from Mexico was placed under mexicana Macquart and is considered here as valid, q.v.].

?transatlanticum Rondani, 1863:4 (Volucella). Type-locality: "Ame-

rica merid.". Types ♂ ♀ MIZUN.

DORSALE (Wiedemann), 1830:199 (Volucella). Type-locality: "Brazil". Distr. - same. Type & VMNH. Ref. — Curran, 1926a:61 (redescription). N. COMB.

DRACAENA (Curran), 1947b:2 (Volucella). Type-locality: U.S.A., Hawaii, Honolulu. Distr. — U.S.A. (Hawaii); Costa Rica (Wirth in Hardy, 1964:405). Type & AMNH*. N. COMB.

DUIDA (Curran), 1930d:21 (Volucella). Type-locality: Venezuela, Mt. Duida. Distr. — same. Type ? AMNH*. N. COMB.

EMERALDA (Hull), 1934d:20 (Volucella). Type-locality: Brazil, Amazon.

Distr. — same. Type of BM(NH). N. COMB. EMILIA (Curran), 1939b:6 (Volucella). Type-locality: Guatemala, Pochuta,

Sa. Emilia, 1000 m. Distr. — same. Type & AMNH*. N. COMB. ERNESTA (Curran), 1926a:55 (Volucella). Type-locality: Panama, Tuipo.
Distr. — Guatemala, Panama. Type \(\text{P} \) AMNH*. N. COMB.

ERNESTINA (Curran), 1930f:5 (Volucella). Type-locality: Mexico, Yucatán, Chichén Itzá. Distr. — Mexico (Yucatán), Peru (Cuzco). Type & AMNH*. N. COMB.

ESCOMELI (Curran), 1929:489 (Volucella). Type-locality: Peru, Arequipa. Distr. — Peru. Chile (Tarapacá), Type o AMNH*. Ref. — Fluke, 1951b:16 (description), figs. 15 (head), 29 (scutellum), 40 (antenna), 55 (male genitalia). N. COMB.

ESURIENS (Fabricius), 1794:281 (Syrphus). Type-locality: "Americae Insulis". Distr. — Puerto Rico. Type 9 Kiel*. Ref. — Curran, 1953:8

(redescription). N. COMB.

rica Curran, 1939a:6 (Volucella). Type-locality: Puerto Rico, En-

senada. Type ? AMNH*.

EUGENIA (Williston), 1887b:139, pl. 6:10 (head) (Volucella). Type-locality: Bahamas; U.S.A., Florida, Distr. — U.S.A. (Florida); Bahamas. Types 9 USNM. N. COMB.

ingenia Curran, 1930f:4 (Volucella). Type-locality: Bahamas, Andros

Island, Mangrove Cay, Gibson Cay. Type ♀ AMNH*.

EXEUGENIA (Curran), 1953:4 (Volucella). Type-locality: Jamaica, St. Andrew, Constant Spring. Distr. - Jamaica. Type & AMNH*. N. COMB.

EXTERNUM (Curran), 1939b:10 (Volucella). Type-locality: Peru, Rio Marañón. Distr. — Peru. Type & AMNH*. N. COMB.

FLAVIPENNE (Wiedemann), 1830:203 (Volucella). Type-locality: "Brazil"

Distr. — same. Type & ZMB. N. COMB.

FLAVISSIMUM (Giglio-Tos), 1892c:3 (Volucella). Type-locality: Mexico, Orizaba. Distr. — same. Type 9 UTOR. N. COMB.

FLAVIVENTRE Macquat, 1846:253 (125), pl. 10, figs. 16 (habitus), 16a (head). Type-locality: "Colombia, Venezuela". Distr. - same. Types & POXF* [types not marginatum Say, either caudatum Curran or species near it - JRV]. N. STATUS.

- FLORELLA (Hull), 1944j:49 (Volucella). Type-locality: Guyana, Potaro River, Tumatumari. Distr. same. Type $\,^\circ$ CU. N. COMB.
- FLUKEI (Curran, 1936b:10 (Volucella). Type-locality: Brazil, Paraná. Distr. same. Type $\,^\circ$ AMNH*. N. COMB. FORNAX (Townsend), 1895b:613 (Volucella). Type-locality: Mexico, Baja
- FORNAX (Townsend), 1895b:613 (Volucella). Type-locality: Mexico, Baja California, El Taste. Distr. — U.S.A. (California, Arizona), Mexico. Type & CAS [destroyed]. N. COMB.
- FRACTUM (Curran), 1926a:58 (Volucella). Type-locality: French Guiana, Cayenne. Distr. same. Type $\,^\circ$ AMNH*. N. COMB.
- FRAUDULENTUM (Williston), 1891:48, pl. 1:13 (habitus), 13a (head), 13b (antenna) (Volucella). Type-locality: Mexico, Guerrero, Venta de Zopilote, 2800 ft.; North Yucatán, Temax. Distr. U.S.A. (California to Texas, south to Mexico (Guerrero, Yucatán). Types $\[\vec{\sigma} \] \] \] BM(NH) + AMNH*. N. COMB.$
- FRAUENFELDI (Schiner), 1868:358 (Temnocera). Type-locality: "Chile". Distr. Chile, Argentina (Tucumán, La Rioja, Mendoza). Type & VMNH. Ref. Shannon & Aubertin, 1933:170, fig. 35a (head); Fluke, 1915b:19 (redescription), fig. 32 (scutellum). N. COMB.
- FRONTALE (Sack), 1941:107 (1951:103) (Volucella). Type-locality: Peru, Tayapampa; Querobamba, 3520 m.; Lake Titicaca. Distr. Peru. Types & P MD. N. COMB.
- FULVICORNE (Bigot), 1883b:84 (Volucella). Type-locality: "Panama". Distr. same. Types of P OXF*. N. COMB.
- FULVOLUCENS (Walker), 1852:252 (Temnocera). Type-locality: "Brazil". Distr. same. Type & BM(NH). N. COMB.
 - fulvolucus Williston, 1887a:28 (Temnocera), misspelling.
- FULVONOTATUM (Bigot), 1875:476 (Volucella). Type-locality: Uruguav. Montevideo. Distr. same. Type \circ OXF*. N. COMB.
- FUMIPENNE (Sack), 1941:104 (1951:108) (Volucella). Type-locality: Peru, Sivia; Peru; Costa Rica. Distr. same. Types & P MD & SMF. N. COMB.
- FUMOSUM (Hull), 1943d:32 (Volucella). Type-locality: Brazil, Mt. Roraima, 8600 ft. Distr. same. Type ? BM(NH). N. COMB.
- Furens (Giglio-Tos), 1892c:2 (Volucella). Type-locality: "Mexico". Distr. same. Type & UTOR. N. COMB.
- FUSCIPENNE (Macquart), 1842:84 (24), pl. 4, fig. 2 (habitus) (Volucella).

 Type-locality: "Brazil". Distr. Brazil, Argenina (Tucumán).

 Type ? MNHN. Ref. Sack, 1921:136 (description), figs. 9 (larva), 11b (spiracular horn). N. COMB.
- GERTSCHI (Curran), 1939b:15 (Volucella). Type-locality: Panama, Chiriquí, El Volcan. Distr. — Guatemala, Panama. Type & AMNH*. N. COMB.
- GIBBERUM (Schiner), 1868:358 (*Temnocera*). Type-locality: "Colombia". Distr. same₄ Type 9 VMNH. Ref. Curran, 1925b:246 (description 3). N. COMB.
- GORGON (Hull), 1950c:233 (Volucella). Type-locality: Peru, Chanchamayo, 1000 m. Distr. same. Type & Hull. N. COMB.
- GRANULATUM (Hull), 1944j:50 (Volucella). Type-locality: Peru, Río Pichis, Puerto Bermúdez. Distr. same. Type ? CU. N. COMB.
- GUIANICUM (Hine), 1914:338 (Volucella). Type-locality: Guyana, Bartica. Distr. same. Type $\,^\circ$ OhSU. N. COMB.
- HAAGII (Jaennicke), 1867:397 (Volucella). Type-locality: "Mexico". Distr.
 U.S.A. (California to Texas), south to Mexico (Oaxaca).

Types 9 SMF? Ref. — Williston, 1887b:147 (description), pl. 5, fig. 8 (head). N. COMB.

hagii, Williston, 1887b:147, misspelling.

setigera Osten Sacken, 1877:334 (Temnocera). Type-locality: U.S.A., New Mexico, Vermejo River. Type ? MCZ.

HAMBLETONI (Fluke), 1951b:16, figs. 16 (head), 41 (antenna), 57 (male genitalia) (Volucella). Type-locality: Peru, Cañete. Distr. — Ecuador, Peru. Type & AMNH*. N. COMB.

FIIRTIPES (Macquart), 1850:434 (130), pl. 12, figs. 13 (scutellum), 13a (hind leg) (Volucella). Type-locality: Bolivia, Yungas. Distr. — Colombia, Brazil, Bolivia, Argentina (Misiones). Type & MNHN. N. COMB.

HORTICOLE (Hull), 1943d:21 (Volucella). Type-locality: Brazil, Amazon. Distr. — same. Type & BM(NH). N. COMB.

HORVATHI (Szilády), 1926:610, fig. 18 (habitus) (*Graptomyza*). Type-locality: "Cuba". Distr. — same. Type ? DEI. N. COMB.

HYALINIPENNE (Hull), 1944f:36 (Volucella). Type-locality: "Brazil". Distr.
— same. Type & Hull. N. COMB.

hyalopterum (Giglio-Tos), 1892c:3 (Volucella). Type-locality: Mexico, Tampico. Distr. — same. Type $\,\circ\,$ UTOR. N. COMB.

HYDROFENESTRA (Hull), 1943n:513 (Volucella). Type-locality: Colombia, Muzo. Distr. — same. Type ♀ Hull. N. COMB.

HYSTRIX (Giglio-Tos), 1892c:4 (Volucella). Type-locality: Mexico, Tuxpango. Distr. — same. Type & UTOR. N. COMB.

IMITANS (Curran), 1926a:63 (Volucella). Type-locality: Mexico. Distr. — same. Type & AMNH*. N. COMB.

mpressum (Hull), 1949f:30 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type of Hull. N. COMB.

INCOMMODUM (Knab), 1916a:93 (Volucella). Type-locality: Panama, Canal Zone, Ancón. Distr. — same. Types & Q USNM. N. COMB.

INCONSISTENS (Curran), 1939b:3 (Volucella). Type-locality: Brazil, Mt. Roraima, 5400 ft. Distr. — Costa Rica, Brazil. Type 9 AMNH*. N. COMB.

INQUISITOR (Hull), 1943d:26 (Volucella). Type-locality: Central America. Distr. — Mexico, Central America. Type & BM(NH). N. COMB.

INTEGRUM (Walker), 1857:155 (Temnocera). Type-locality: "Valley of Amazon". Distr. — same. Type ? BM(NH). N. COMB.
INTONA (Curran), 1928b:22 (Volucella). Type-locality: Jamaica, Gordon

Town. Distr. — same. Type ? BM(NH). N. COMB.

ISABELLINA (Williston), 1887b:140 (Volucella). Type-locality: U.S.A., Arizona. Distr. — U.S.A. (California to Colorado), south to Mexico (Sonora). Type & USNM. N. COMB.

JOHNSONI (Curran), 1925b:249 (*Phalacromyia*). Type-locality: Venezuela, Caura Valley. Distr. — same. Type & MCZ. N. COMB.

KAHLI (Hull), 1938:122, fig. 5 (abdomen) (Volucella). Type-locality: French Guiana, Mana River. Distr. — same. Type \$\varphi\$ CM. N. COMB.

LACTICOERULEUM (Hull), 1944f:35 (Volucella). Type-locality: Brazil, São Paulo, Praia Grande do Rio Feio, Penápolis. Distr. — same. Type & Hull. N. COMB.

LANEI (Curran), 1936b:11 (Volucella). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil (São Paulo, Santa Catarina). Type & AMNH*. N. COMB.

LATEVITTATUM (Curran), 1939b:16 (Volucella). Type-locality: Colombia, between Queremal and Buenaventura. Distr. — Colombia, Peru, Bolivia. Type & AMNH*. N. COMB.

LATUM (Wiedemann), 1830:195 (Volucella). Type-locality: Mexico, Oaxaca. Distr. — Mexico. Type ? ZMB. N. COMB.

lacta, Bigot, 1883b:76, misspelling.

LIMBIPENNE Williston, 1887b:152. Type-locality: Mexico, Isthmus of Tehuantepec. Distr. — U.S.A. (Texas), Mexico. Type ? USNM. Ref. — Williston, 1891:pl. 2:2 (habitus), 2a (head), 2b (antenna). N. COMB.

lucasana Townsend, 1895b:615 (Volucella). Type-locality: Mexico, Baja California, El Taste. Type 9 CAS [destroyed].

lucana, Townsend, 1895a:44, misspelling.

LIRIOPE (Hull), 1949f:28 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & Hull. N. COMB.
LUCILIA (Hull), 1950a:65 (Volucella). Type-locality: Peru, Chanchamayo.
Distr. — same. Type & Hull. N. COMB.

(Wiedemann), 1830:206 (Volucella). Type-locality: "Brazil". LUGENS Distr. — Guatemala, Brazil. Type 9 VMNH. Ref. — Curran, 1926a:65 (redescription). N. COMB.

LUMINA (Hull), 1937a:168, fig. 8 (abdomen) (Volucella). Type-locality: Bolivia, Ramupasa. Distr. — same. Type ? USNM. N. COMB.

LUNULIFERUM (Hull), 1937a:167 (Volucella). Type-locality: Peru, Iquitos. Distr. — same. Type & USNM. N. COMB.

MACQUARTI (Curran), 1926a:60 (Volucella). Type-locality: Honduras, Prieta. Distr. — Mexico, Honduras, Trinidad, Guyana, Brazil, Peru, Bolivia. Type Q AMNH*. N. COMB.

MACROCEPHALUM (Giglio-Tos), 1892e:45 (Camerania). Type-locality: "Mexico". Distr. — U.S.A. (Arizona), Mexico. Type & UTOR.

N. COMB.

MACRORHINUM (Bigot), 1875:474 (Volucella). Type-locailty: "Brazil". Distr. - same. Type of OXF. N. COMB.

MACULA (Wiedemann), 1830:200 (Volucella). Type-locality: "Brazil". Distr. — Mexico (Tabasco), Guyana, Brazil (Mato Grosso). Types ♂ ♀ VMNH. N. COMB.

MACULOIDES (Curran), 1939b:10 (Volucella). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Type o' AMNH. N. COMB.

MARCELI (Curran), 1939b:7 (Volucella). Type-locality: Brazil, São Paulo.
Distr. — same. Type & AMNH. N. COMB.
MARGINATUM (Say), 1830:167 (Volucella). Type-locality: Mexico. Distr. —

U.S.A. (California to Colorado), south to Mexico. Type ? Lost. Ref. — Williston, 1887b:151 (description), pl. 7:1 (wing), 1a (head), 1b (antenna); Curran, 1925a:206, pl. 10:146 (male genitalia).

distinctum Giglio-Tos, 1892e:41, fig. 15 (abdomen). Type-locality:

Mexico, Tehuacán. Types ♂ ♀ UTOR.

fax Townsend, 1895a:42 (Volucella), Type-locality: U.S.A., Colorado, Fort Collins. Type of ?. inops Townsend, 1895a:43 (Volucella). Type-locality: U.S.A., Colo-

rado, Fort Collins. Type 9 UK.

toltec Townsend, 1895a:45 (Volucella). Type-locality: Mexico, Guanajuato. Type &?

tolteca, Townsend, 1895d:6, misspelling.

estebana Townsend, 1895b:612 (Volucella). Type-locality: Mexico, Baja California, San Esteban. Types of a CAS [destroyed]). sodomis Townsend, 1895b:616 (Volucella). Type-locality: Mexico, Baja

California, El Taste. Types & CAS [destroyed].

MEGACEPHALUM (Loew), 1863:305 (1864b:189) (Temnocera). Type-locality: U.S.A., California, Distr. — U.S.A. (California), Mexico, Type 9

MCZ. Ref. — Williston, 1887b:146 (description). N. COMB.

MELLEUM (Jaennicke), 1867:396 (Volucella). Type-locality: "Mexico". Distr. — Mexico (Guanajuato, Distrito Federal). Types & SMF. N. COMB.

MERETRICIAS (Williston), 1888:272 (Volucella). Type-locality: Brazil, Mato Grosso, Chapada; Rio de Janeiro. Distr. — Brazil (Rio de Janeiro, Santa Catarina, Mato Grosso), Argentina (Misiones). Types of 9 AMNH*. N. COMB.

METALLIFERUM (Walker), p.p., 1849:636 (Volucella). Type-locality: Mexico [specimen from Venezuela under dispar Macquart(q.v.)]. Distr. — U.S.A. (California to Texas), south to Mexico (Yucatán). Type & BM(NH). Ref. — Curran, 1925a:206, pl. 10:143 (male genitalia); Curran, 1953:7 (revision). N. COMB.

violaceum Say, 1830:166 (Volucella; preocc. Lepeletier & Serville, 1825). Type-locality: "Mexico". Type(s) & lost.

maximiliani Jaennicke, 1867:395 (Volucella). Type-locality: "Mexico". Types of 9 SMF.

METALLORUM (Walker), 1852:252 (Temnocera). Type-locality: Brazil, Pará.

Distr. - same, Type & BM(NH), N. COMB.

MEXICANUM (Macquart), 1842:85 (25), pl. 5, figs. 3 (habitus), 3a (head) (Volucella). Type-locality: "Mexico". Distr. — U.S.A. (California to Georgia, south to Mexico (Yucatán). Type 9 MNHN*. Ref. — Williston, 1887b:137 (redescription), pl. 6, figs. 5 (wing), 5a (head). N. COMB.

nigrum Greene, 1923:165 (Volucella). Type-locality: U.S.A., florida,

Miami. Type & USNM*. N. SYN. MINIMUM (Giglio-Tos), 1892c:3 (Volucella). Type-locality: Mexico, Orizaba, Distr. — same. Type & UTOR. N. COMB.

MISSIONERA (Lynch Arribálzaga), 1892b:183 (1892c:134) (Volucella), Typelocality: Uruguay, Misiones. Distr. — same. Type ? MACN. N. COMB.

MOCANUM (Curran), 1936b:11 (Volucella). Type-locality: Guatemala, Moca Guatalón. Distr. — Guatemala, Peru, Venezuela. Type 9 AMNH*. N. COMB.

(Curran), 1939b:2 (Volucella). Type-locality: Brazil, Pernambuco. Distr. -- same. Type 9 AMNH*. N. COMB.

Mus (Williston), 1888:274 (Volucella). Type-locality: Brazil, Mato Grosso, Chapada. Distr. - Brazil (Mato Grosso), Peru, Argentina (Tucumán). Types ♂♀ AMNH*. Ref. — Sack, 1921:137, figs. 10 (puparium), 11c (spiracular horn). N. COMB.

MUSANUM (Curran), 1930d:16 (Volucella). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type 9 AMNH*.

N. COMB.

MUSCARIUM (Thomson), 1869:493 (Haurotricha). Type-locality: Argentina, Buenos Aires. Distr. — Colombia, Argentina. Type 9 NRS*. N. COMB.

argentina Bigot, 1883b:83 (Phalachromyia). Type-locality: Argentina, Buenos Aires. Type & BM(NH).

MUSICANUM (Curran), 1930d:15 (Volucella). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Type & AMNH*. N. COMB.

MUSTOIDES (Curran), 1927c:84 (Volucella). Type-locality: Honduras, Prieta.

Distr. — same. Type & AMNH*. N. COMB.

NASICUM (Williston), 1891:55, pl. 2:1 (habitus), la (head), 1b (antenna) (Ophromyia). Type-locality: Mexico, Guerrero, Acaguizotla. Distr. — Mexico. Types & BM(NH). Ref. — Hull, 1949d:349, fig. 20e, 20g (head). N. COMB.

NAUTLANUM (Townsend), 1897b:28 (Volucella). Type-locality: Mexico, Vera Cruz, Río Nautla, San Rafael. Distr. — same. Types & BM(NH). N. COMB.

NEOSPLENDENS Thompson (nom nov. for splendens Hull). Distr. — Brazil

(Santa Catarina). NOM. NOV.

splendens Hull, 1949f:26 (Volucella; preocc. Townsend, 1897). Typelocality: Brazil, Santa Catarina, Nova Teutônia. Type & Hull. Ref. — Fluke, 1951b:27 (descriptive note).

NEOTROPICUM Thompson (nom. nov. for vesiculosum Fabricius, 1805). Distr.

— South America. NOM. NOV.

vesiculosum Fabricius, 1805:226 (Syrphus; preocc. Fabricius, 1794).

Type-locality: "America meridionali". Type ? MC.

NIGRIFACIES (Bigot), 1875:479 (Volucella). Type-locality: "Mexico". Distr.
— same. Type & BM(NH). N. COMB.

NIGRIFRONS (Hine), 1914:340 (*Phalacromyia*). Type-locality: Guyana, Bartica. Distr. — same. Type ? OhSU. N. COMB.

NIGRIPES (Bigot), 1857a:296, pl. 7:9 (head) (*Phalacromyia*). Type-locality: "Chile". Distr. — Peru, Chile. Type & OXF*. N. COMB.

concolor Philippi, 1865:735 (*Phalacromyia*). Type-locality: Chile, Prov. Santiago. Type(s) ? MNHNS. N. SYN.

NIGROPODUM (Hull), 1949f:35 (Volucella). Type-locality: Peru, Pucallpa. Distr. — same. Type & Hull. N. COMB.

NIGROVIRIDE (Hull), 1949h:37 (Volucella). Type-locality: Peru, Pucallpa. Distr. — same. Type & Hull. N. COMB.

NITIDIGASTER (Hull), 1937a:165 (Volucella). Type-locality: Argentina, Tucumán, Villa Nogués. Distr. — same. Type & USNM. N. COMB.

NOTATUM (Bigot), 1875:475 (Volucella). Type-locality: Uruguay, Montevideo. Distr. — same. Types ♂♀ OXF*. N. COMB.
OBLIQUICORNE (Curran), 1939b:12 (Volucella). Type-locality: Guyana, Tu-

matumari. Distr. — same. Type & AMNH*. N. COMB.

OBSCURIPENNE (Lynch Arribálzaga), 1892b:180 (1892c:130 (Volucella).

Type-locality: Argentina, Misiones, Monteagudo. Type ? MACN.

N. COMB.

OBSCURIUS (Curran), 1939b:5 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Tucumán, La Rioja). Type & AMNH. N. COMB.

oestroides (Hull), 1943d:23 (Volucella). Type-locality: Brazil, Rio de Janeiro, Distr. — same, Type & BM(NH). N. COMB.

omochroma (Giglio-Tos), 1892c:2 (Volucella). Type-locality: "Mexico". Distr. — same. Type ♀ UTOR. N. COMB.

OPALICOLOR (Hull), 1943d:36 (Volucella). Type-locality: Bolivia, Prov. Sara, Santa Cruz de la Sierra. Distr. — same. Type 9 BM(NH). N. COMB.

ореоsтома (Hull), 1949h:32 (Volucella). Type-locality: Panama, Chiriquí, Volcán, Bambito. Distr. — same. Type ♀ Hull. N. COMB.

OPINATOR (Williston), 1891:51, pl. 1:14 (habitus), 14a (head), 14b (antenna) (Volucella). Type-locality: Mexico, Vera Cruz, Atoyac. Distr. — same. Type $\,^{\circ}$ BM(NH). N. COMB.

ORNATUM (Williston), 1891:49 (Volucella). Type-locality: Mexico, Jalapa. Distr. — same. Types & BM(NH) + AMNH*. N. COMB.

hispida Giglio-Tos, 1892c:4 (Volucella). Type-locality: Mexico, Orizaba. Type & UTOR.

osburni (Hull), 1942a:92 (Volucella). Type-locality: Paraguay, Villarica.
Distr. — Paraguay, Argentina (Tucumán). Type & MCZ*.
N. COMB.

PACHECOI (Curran), 1939b:13 (Volucella). Type-locality: Guatemala. Distr.

- same. Type ♀ AMNH*. N. COMB.

PALLENS (Wiedemann), 1830:204 (Volucella). Type-locality: "Brazil". Distr. — U.S.A. (Arizona to North Carolina), south to Argentina and Brazil. Types \(\forall \text{ VMNH} + \text{SMF*}. \text{ Ref.} \)— Williston, 1887b:141 (redescription), pl. 6:2 (wing); Sack, 1921:137, fig. 11a (spiracular horn). N. COMB.

sexmaculatum Palisot de Beauvois, 1819:224, pl. 3:8 (habitus) (Syrphus). Type-locality: Dominican Republic, Santo Domingo, South-

ern U.S.A. Types ? ? N. SYN. [nomen oblitum].

testaceum Rondani, 1848:67 (Volucella). Type-locality: Brazil. Type 🕹 MIZUN.

sexpunctatum Loew, 1861:38 (Volucella). Type-locality: "Cuba". Type ? MCZ.

var. QUADRIPUNCTATUM (Doesburg), 1963:17, 30. Type-locality: Surinam, Paramaribo. Distr. — same. Type & Doesburg.

PALLIDITHORAX (Hull), 1941g:156, fig. 8 (mesonotum) (Volucella). Type-

locality: Honduras, Rosario Mires. Distr. — same. Type ? MCZ*. N. COMB.

PALLIDUM (Macquart), 1842:86 (26) (Volucella). Type-locality: "Guyana". Distr. — same. Type of MNHN*. N. COMB.

PALLISTERI (Curran), 1953:9 (Volucella). Type-locality: Mexico, Distrito Federal, Tlalpán. Distr. — same. Type & AMNH*. N. COMB.

PALMYRA (Hull), 1949f:33 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type ? Hull. N. COMB.

PANAMENSE (Curran), 1930d:17 (Volucella). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — Panama. Type & AMNH*. N. COMB.

PANAMENUM (Curran), 1939b:12 (Volucella). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — Panama, Peru. Type & AMNH*. N. COMB.

PARANA (Hull), 1942h:23 (Volucella), Type-locality: Brazil, Paraná. Distr.

— same. Type ♂ Hull. N. COMB.

PARINA (Fluke), 1951b:25, figs. 14 (head), 61 (male genitalia) (Volucella). Type-locality: Chile, Arica, Parinacota. Distr. — same. Type & UCSC. N. COMB.

PARVUM (Rondani), 1848:66 (Volucella). Type-locality: "Brazil". Distr. —

same. Type $\,^\circ$ MIZUN. N. COMB. PECTORALE (Rondani), 1863:3 (Volucella). Type-locality: "America meridion.". Distr. — same. Types & P MIZUN. N. COMB.

PERLATUM (Hine), 1914:339 (Volucella). Type-locality: Guatemala, Los Amates. Distr. — same. Type & OhSU. N. COMB.

PERSIMILE (Williston), 1888:273 (Volucella). Type-locality: Brazil, Destares (?); Mato Grosso, Chapada; Rio de Janeiro. Distr. — same. Types ♂♀ AMNH*. N. COMB.

PERTINAX (Hull), 1950a:67 (Volucella). Type-locality: Peru, Chanchamayo. Distr. — same. Type ♀ Hull.

PERUVIANUM (Vimmer & Soukup), 1938:28 (Volucella). Type-locality:
Peru, Puno. Distr. — same. Type & NMPP*. N. COMB.
PICA (Schiner), 1868:355 (Phalocromyia). Type-locality: Colombia. Distr.

— Mexico (Veracruz), Colombia, Venezuela. Types ♂♀ VMNH. N. COMB.

pictum Schiner, 1868:pl. 4:6a + b (habitus) (Phalacromyia; preocc. Wiedemann, 1830), incorrect original spelling of pica.

PICTOIDES (Hull), 1941e:280 (Volucella). Type-locality: Cuba, Havana. Distr. — same. Type ? Hull. N. COMB.

(Wiedemann), 1830:201 (Volucella). Type-locality: "Brazil". Distr. — Mexico (Guerrero, Veracruz, Yucatán), Cuba, Panama, Brazil (Mato Grosso, Santa Catarina), Argentina (Tucumán). Types of 9 VMNH. Ref. — Curran, 1925a:206, pl. 10:145 (male genitalia); Doesburg, 1966:96, fig. 66 (habitus). N. COMB.

PICTURATUM (Lynch Arribálzaga), 1892b:184 (1892c:135) (Volucella). Typelocality: Argentina, Misiones, Picada de Paggi. Distr. — same. Types ? MACN. N. COMB.

PINKUSI (Curran), 1938:1 (Volucella). Type-locality: Trinidad, St. Anne. Distr. — same. Type & AMNH*. N. COMB.

PLACIVUM (Hull), 1943d:30 (Volucella). Type-locality: Ecuador, Santa Inez. Distr. — same. Type ? BM(NH). N. COMB.

PLAUMANNI (Curran), 1939b:4 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Salta). Type ${}^{\circ}$ AMNS*. N. COMB.

PLORANS (Rondani), 1848:65 (Volucella). Type-locality: "Brazil". Distr. —

same. Type & MIZUN. N. COMB.

polorans, Williston, 1886:317, misspelling.

POSTICUM (Say), 1830:166 (Volucella). Type-locality: "Mexico". Distr. — U.S.A. (California to Colorado), south to Mexico. Type & lost. N. COMB.

castanea Bigot, 1875:476 (Volucella). Type-locality: Mexico. Oaxaca. Type ♂ OXF*.

var. PALLIDIUS (Giglio-Tos), 1892c:50 (Volucella). Type-locality: Mexico, Tehuacan. Type 9 UTOR.

PRASINUS (Schiner), 1868:354 (Phalacrom\(\doc{y}ia\)). Type-locality: "South America". Distr. — same. Types ♂ ♀ VMNH. N. COMB.

PRESCUTELLARE (Williston), 1888:273 (Volucella). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil (Mato Grosso), Argentina

(Misiones). Types ♂♀ AMNH*. N. COMB. PROCTERI (Curran), 1939b:9 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type ? AMNH*. N. COMB.

PUBESCENS (Loew), 1861:38 (Temnocera). Type-locality: "Cuba". Distr. same. Type 9 MCZ? Ref. — Williston, 1887b:148 (redescription). N. COMB.

PULCHRAPUELLA (Hull), 1943d:33 (Volucella). Type-locality: Jamaica, Kingston. Distr. — same. Type & BM(NH). N. COMB.

PULCHRIPES (Bigot), 1875:480 (Volucella). Type-locality: "Mexico". Distr. — same. Type ♂ OXF*. N. COMB.

PULCHRUM (Williston), 1891:41 (Phalacromyia). Type-locality: Costa Rica, Río Sucio. Dístr. — same, Type ${\it s}$ ${\it pm}$ BM(NH). N. COMB. PUNCTIFERUM (Bigot), 1875:475 (Volucella). Type-locality: "Amazonia".

Distr. — Colombia. Type & BM(NH). N. COMB.

PUNCTIGENA (Hull), 1937a:165, fig. 6 (abdomen) (Volucella). Type-locality: Guatemala, Siquinola. Distr. — same. Type 9 USNM. N. COMB.

PURPURASCENS (Loew), 1869:31 (1872b:145) (Temnocera). Type-locality: "Haiti". Distr. — same. Type & MCZ (lost). Ref. — Williston, 1887b:148 (redescription). N. COMB.

watsoni Curran, 1930f:3 (Volucella). Type-locality: Haiti, Port-au-

Prince. Type & AMNH*. N. SYN.

PURPUREUM (Walker), 1849:637 (Volucella). Type-locality: Brazil, Pará. Distr. — same. Type & BM(NH). Ref. — Sack, 1921:137 (description), fig. 11d (spiracular horn), 15 (larva). N. COMB.

PURPURIFERUM (Bigot), 1875:477 (Volucella). Type-locality: Mexico, Oaxaca. Distr. — same. Type & OXF*. N. COMB.

PUSILLUM (Macquart), 1842:81 (21), pl. 5, figs. 1 (habitus), 1a (head) (Volucella). Type-locality: "Cuba". Distr. — U.S.A. (Texas to Florida); Cuba. Type \$ [Lille?]. Ref. — Williston, 1887b:144 (redescription), pl. 6:3 (wing), 3a (head). N. COMB. QUADRATUM (Williston), 1891:46, pl. 1:12 (habitus), 12a (head), 12b (an-

tenna) (Volucella). Type-locality: Mexico, Guerrero, Chilpancingo. Distr. — U.S.A. (Arizona), Mexico (Guerrero). Type 9 BM(NH). N. COMB.

RAFAELANUM (Townsend), 1897b:28 (Volucella). Type-locality: Mexico, Veracruz, Río Nautla, San Rafael. Distr. — same. Type 9 BM

(NH). N. COMB.

(Temnocera). Type-locality: "Argentina". (Wulp), 1882:125 RECTUM Distr. - Argentina (Tucumán, Salta). Types & 9 lost?. Ref. -Fluke, 1951b:7 (description), figs. 1 (head), 49 (male genitalia). N. COMB.

(Hull), 1950c:232 (Volucella). Type-locality: Peru, Matucana. RHEA Distr. — same. Type of Hull. N. COMB.

ROBUSTUM (Sack), 1941:109 (1951:105) (Temnocera). Type-locality: Peru, Ocana, 2600 m. Distr. — same. Types & P HZM. N. COMB.

RORAIMA (Curran), 1939b:3 (Volucella). Type-locality: Brazil, Mt. Roraima. 6900 ft. Distr. — same. Type of AMNH*. N. COMB.

(Curran), 1939b:7 (Volucella). Type-locality: Peru, Middle Rio Ucayali. Distr. — same. Type & AMNH*. N. COMB.

ROSPIGLIOSII (Brèthes), 1920:31 [also 1937:ii] (Volucella). Type-locality: Peru, Chanchamayo region. Type ? MACN. N. COMB.

RUFITARSE Thompson (nom. nov. for tibiale Shannon). Distr. — Brazil (Santa Catarina), Argentina (Misiones). NOM. NOV. tibiale Shannon, 1929:575 (Volucella; preocc. Macquart, 1846). Type-

locality: Argentina, Misiones. Type 9 MACN.

RUFOSCUTELLARE (Philippi), 1865:735 (Phalacromyia). Type-locality: Chile, prov. Santiago. Distr. - Chile (Aconcagua, Santiago). Type ? MNHNS. N. COMB.

RURALE (Curran), 1939b:2 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. N. COMB.

SALTI Dobroscky, in Curran, 1930d:3. Type-locality: Colombia, Santa Maria. Distr. — same. Type & AMNH*.

SAPHIRINUM (Bigot), 1883b:85 (Volucella), Type-locality: "Chile", Distr. -Chile (Valparaíso — Curicó). Types & P. BM(NH). N. COMB. sapphirina, Shannon & Aubertin, 1933:168, emend.
SAPPHO (Hull), 1949h:34 (Volucella). Type-locality: Panama, Canal Zone.

Summit. Distr. — Panama. Type & Hull. N. COMB. SCHWARZI Curran, 1935:4. Type-locality: "Venezuela, Curaçao". Distr. —

same. Type ? AMNH*. N. COMB.

SCINTILANS (Hull), 1949f:39 (Volucella). Type-locality: Peru, Pucallpa.

Distr. — same. Type of Hull. N. COMB.

SCUTELLATUM (Macquart), 1842:85 (25), pl. 6, figs. 2 (habitus), 2a (head), 2b (scutellum) (Volucella). Type-locality: "Chile". Distr. — Brazil (Mato Grosso), Peru (Lima), Chile (Tarapacá — Santiago). Type & MNHN*. Ref. — Fluke, 1951b:4 (redescription), figs. 18 (wing tip), 21 (scutellum), 36 (antenna), 47 (male genitalia). N. COMB.

andicolum Bigot, 1884a:548 (Temnocera). Type-locality: "Chile".

Type ♂ BM(NH).

SELECTUM (Curran), 1939b:15 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*. N. COMB.

SEPIA (Hull), 1943d:25 (Volucella). Type-locality: "Central America". Distr. — same, Type & BM(NH). N. COMB.

SHANNONI Thompson (nom. nov. for salti Curran). Distr. — Colombia. NOM. NOV.

salti Curran, 1930d:12 (Volucella; preocc. Dobroscky, 1930). Typelocality: Colombia, Río Frío, Magdalena. Type & AMNH*.

SICA (Curran), 1953:9 (Volucella). Type-locality: Ecuador, Tungurahua, Baños. Distr. — same. Type & AMNH*. N. COMB.

SIMILE (Giglio-Tos), 1892c:2. Type-locality: Mexico, Tehuacán & Meztillán. Distr. — U.S.A. (Arizona, New Mexico), Mexico. Types & ? UTOR*.

parvum Giglio-Tos, 1892c2 (preocc. Rondani, 1848). Type-locality: Mexico, Tehuacán, Types ♂ ♀ UTOR [not found — JRV].

SMITHAE (Thompson), 1965:61 (Lepidosis). Type-locality: Argentina, La Rioja, Mascasin. Distr. - Argentina (La Rioja). Type & Thompson*. N. COMB.

SOROR (Bigot), 1883b:83 (Phalacromyia). Type-locality: Argentina, Buenos Aires. Distr. — same. Type ? (BM(NH). N. COMB.

SOUKUPII (Vimmer & Soukup), 1938:29 (Volucella). Type-locality: Peru, Puno. Distr. — same. Type & NMPP*. N. COMB.

SPECTRALE (Hull), 1942h:21 (Volucella). Type-locality: "Brazil". Distr. same. Type ? Hull. N. COMB.

SPINIGERUM (Wiedemann), 1830:197 (Volucella). Type-locality: Uruguay, Montevideo. Distr. — Uruguay, Argentina (Tucumán, Buenos Aires, Santa Fé, Salta, Chaco, Formosa, Córdoba). Types ♂♀ VMNH & AMNH*. Ref. — Shannon & Aubertin, 1933:170, fig. 35b (head); Fluke, 1951b:18 (redescription), figs. 11 (head), 20 (wing tip), 31 (scutellum), 42 (antenna), 58 (male genitalia). N. COMB.

fulvicorne Bigot, 1884a:547 (Temnocera?; preocc. Bigot, 1883). Type-locality: Argentina, Buenos Aires. Types $\sigma \circ BM(NH)$.

SPINITHORAX (Lynch Arribálzaga), 1892b:190 (1892c:141) (Temnocera). Type-locality: Argentina, Chaco, Colonia Azara. Distr. — Brazil (São Paulo, Santa Catarina, Paraná), Paraguay, Argentina. Type 9 MACN. Ref. - Fluke, 1951b:20 (redescription), figs. 33 (scutellum), 59 (male genitalia). N. COMB.

var. NOVUM (Fluke), 1951b:22 (Volucella). Type-locality: Brazil, San-

ta Catarina, Nova Teutônia. Type ? AMNH.

SPLENDENS (Townsend), 1897b:29 (Volucella; as var. of opalina). Typelocality: Mexico, Veracruz, Río Nautla, San Rafael. Distr. - same. Types $\mbox{$9$}$ BM(NH). N. COMB.

var. Townsendi (Goot), 1964:214 (nom. nov. for opalina Townsend).

Distr. — Mexico (Vera Cruz).

opalina Townsend, 1897b:29 (Volucella; preocc. Wiedemann, 1830). Type-locality: Mexico, Veracruz, Río Nautla, San Rafael. Types ♂ ♀ BM(NH).

SQUAMIGERUM (Curran), 1925c:348 (Volucella). Type-locality: Peru, Río Pichis, Puerto Bermúdez. Distr. — same. Type & CU. N. COMB.

STERNALE (Curran), 1930d:20 (Volucella). Type-locality: Mexico, Baja California Sur, San José del Cabo. Distr. — U.S.A. (Arizona), Mexico (Baja California Sur). Type & AMNH*. N. COMB.

STIGMATUM (Hull), 1949f:37 (Volucella). Type-locality: Peru, Pucallpa. Distr. — same. Type ? Hull. N. COMB.

SUBCOERULEUM (Rondani), 1863:3 (Phalacromyia). Type-locality: "America meridionalis". Distr. — same. Type of MIZÜN. N. COMB. SUBLATUM (Fluke), 1950b:451, figs. 17 (head), 18 (male genitalia) (Volu-

cella), Type-locality; Chile, Arica, Putre, 3650 m. Distr. — Argentina (Jujuy), Chile (Tarapacá), Type & UCSC, N. COMB.

SUBMETALLICUM (Rondani), 1848;67 (Phalacromya). Type-locality: "Brazil". Distr. — same. Type 9 MIZUN. N. COMB.

SUBROSTRATUM (Rondani), 1848:68 (Phalacromya). Type-locality: "Brazil". Distr. - Brazil, Mexico? Type of MIZUN. N. COMB.

?triste Bigot, 1875:482 (Volucella). Type-locality: "Mexico". Type 9 OXF*.

?melanorhina Bigot, 1883b:86 (Phalacromyia). Type-locality: "Mexico". Type ♀ BM(NH).

SULTZI (Curran), 1939b:7 (Volucella), Type-locality: Brazil, São Paulo, Alto da Serra (=Paranapiacaba). Distr. — same. Type & AMNH*. N. COMB.

TAMAULIPANUM (Townsend), 1898b:51 (Volucella), Type-locality: U.S.A., Texas, near Brownsville. Distr. — U.S.A. (Texas, Louisana), south to Mexico (Yucatán); Hawaii [immigrant]. Types & 🖓 BM(NH). N. COMB.

timberlakei Curran, 1926a:63 (Volucella). Type-locality: U.S.A., Texas. Type & CNC*.

femina Curran, 1930f:4 (Volucella). Type-locality: Mexico, Yucatán, Chichén Itzá. Type ? AMNH*.

TATEI (Curran), 1930d:21 (Volucella). Type-locality: Venezuela, Mt. Duida. Distr. — same. Type ? AMNH*. N. COMB.

TAU (Bigot), 1883b:84 (Volucella). Type-locality: "Mexico". Distr. -U.S.A. (Oregon to Colorado), south to Mexico. Type 9 BM(NH). Ref. — Williston, 1887b:143 (redescription), pl. 6:13 (antenna). N. COMB.

TEFFERA (Curran), 1939b:9 (Volucella). Type-locality: Brazil, Amazonas,

Tefé. Distr. — same. Type ? AMNH*. N. COMB.

TIBIALE (Macquart), 1846:251 (123) (Volucella). Type-locality: Mexico,
Yucatán, Merida. Distr. — same. Type ? MNHN? [not found — JRV]. N. COMB.

TRICINCTUM (Bigot), 1875:477 (Volucella). Type-locality: Mexico, Oaxaca. Distr. — U.S.A. (Texas), Mexico, Honduras, Guatemala, Costa Rica, Brazil, Argentina (Tucumán, Salta, Misiones); Hawaii [immigrant]. Type 9 OXF*. N. COMB.

hoya Curran, 1947b:1 (Volucella). Type-locality: Hawaii, Oahu, Honolulu. Type of AMNH*.

TRIFASCIUM (Walker), 1857:154 (Temnocera). Type-locality: "Valley of Amazon". Distr. - same. Type ? BM(NH). N. COMB.

TRIGONUM (Giglio-Tos), 1892c:3 (Volucella). Type-locality: Mexico, Orizaba. Distr. — same, Types & UTOR. N. COMB.

TRIPUNCTATUM (Hull), 1949f:31 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & Hull. N. COMB.

TRITUBERCULATUM Thompson (nom. nov. for scutellatum Williston). Distr. Brazil, Argentina (Misiones). NOM. NOV.

scutellatum Williston, 1888:277 (Apophysophora; preocc. Macquart, 1842). Type-locality: Brazil, Mato Grosso, Chapada, Types ♂♀ AMNH*.

TUMICEPHALUM (Hull), 1943d:35 (Volucella). Type-locality: Distr. - same. Type & BM(NH). N. COMB.

TYMPANITIS (Fabricius), 1805:226 (Syrphus). Type-locality: "America meridionali". Distr. — Mexico, Guatemala, Costa Rica, Panama, Venezuela, Peru, Brazil. Types ♂ ♀ MC*. N. COMB.

ardua Wiedemann, 1830:204 (Volucella). Type-locality: Surinam. Types ? ZMB & VMNH.

ULRICA (Hull), 1950a:68 (Volucella). Type-locality: Peru, Chanchamayo. Distr. — same. Type 9 Hull. N. COMB.

UNICOLOR (Curran), 1925c:347 (Volucella). Type-locality: Venezuela, C. Bolivar. Distr. — same. Type & MCZ. N. COMB.

UNILECTUM (Walker), 1860:292 (Temnocera). Type-locality: "Mexico". Distr. \rightarrow same. Type \circ BM(NH). N. COMB.

UNIPUNTATUM (Curran), 1926a:63 (Volucella). Type-locality: West Indies, Desecheot Island. Distr. — U.S.A. (Texas? [Wirth et al., 1965: 602]); Puerto Rico. Type & AMNH*. N. COMB.

VACUM (Fabricius), 1775:763 (Syrphus). Type-locality: "America". Distr. — Jamaica. Type??. Ref. — Townsend, 1895a:46 (redescription).

N. COMB.

vagoides (Curran), 1927c:86 (Volucella). Type-locality: Costa Rica, San José. Distr. — Guatemala, Costa Rica. Type ? UK [Byers, et al., 1962]. N. COMB.

vagum (Wiedemann), 1830:205 (Volucella). Type-locality: "Brazil". Distr. — Mexico, Guyana, Peru, Brazil (Mato Grosso). Types & VMNH & SMF*. N. COMB.

viridula Bigot, 1875:481 (Volucella; preocc. Walker, 1860). Typelocality: "Mexico". Type 9 OXF*.

musta Williston, 1888:274 (Volucella). Type-locality: Brazil, Mato Grosso, Chapada. Types & AMNH*.

VALERIA (Hull), 1944j:48 (Volucella). Type-locality: Peru, El Campamiento. Distr. — same. Type ? CU. N. COMB.

VAMPYRUM (Hull), 1942g:96 (Volucella). Type-locality: Brazil, Paraná,

Paranaguá. Distr. — same. Type 9 MCZ*. N. COMB.

varians (Bigot), 1875;481 (Volucella). Type-locality: "Mexico". Distr. same, Type 9 OXF*. N. COMB.

VARICHAETUM (Curran), 1925b:250 (Phalacromyia). Type-locality: Peru, Río Pichis, Puerto Bermúdez. Distr. — same. Type & CU. N. COMB.

VARIEGATUM (Bigot), 1875:478 (Volucella). Type-locality: "Mexico". Distr. — Mexico, Guatemala. Types ♂♀ OXF*. N. COMB.

comastes Williston, 1891:52 (Volucella). Type-locality: Mexico, Orizaba. Types $\,^{\circ}$ BM(NH).

VENTANA (Fluke), 1951b:9, figs. 4 (head), 23 (scutellum), 37 (antenna), 50 (male genitalia) (Volucella). Type-locality: Argentina, Buenos Aires, Tornquist, Cerro de la Ventana. Distr. — same. Type of IML. N. COMB.

WERA (Hull), 1942g:95 (Volucella). Type-locality: Honduras, Lancetilla. Distr. - same. Type ? MCZ*. N. COMB.

VERDIGASTER (Hull), 1943k:41 (Volucella). Type-locality: Colombia, Bogotá. Distr. — same. Type & USNM. N. COMB.

(Bigot), 1883b:86 (Phalachromyia). Type-locality: "Mexico". Distr. — same. Type & BM(NH). N. COMB.

VIERECKI (Curran), 1925b:250 (Volucella). Type-locality: Colombia, Vista Nieve. Distr. — same. Type

AMNH*. N. COMB.

VILLARICA (Fluke), 1851b:23, figs. 12 (head), 62 (male genitalia) (Volucella). Type-locality: Paraguay, Villarica. Distr. — Brazil (São Paulo), Paraguay. Type \mathbb{P} AMNH*. N. COMB.

(Hull), 1944k:514 (Volucella). Type-locality: "Brazil". Distr. — Brazil (São Paulo). Type 9 Hull. N. COMB.

VIRESCENS (Williston), 1891:42 (Phalacromyia). Type-locality: Guatemala, El Tumbador, 2500 ft. Distr. — same. Type ? BM(NH). COMB.

VIRIDANA (Townsend), 1897b:30 (Volucella). Type-locality: Mexico, Vera-

- cruz, Río Nautla, San Rafael. Distr. same. Type & BM(NH). N. COMB.
- viride (Williston), 1888:275 (Volucella). Type-locality: Brazil, Mato Grosso, Chapada. Distr. Peru, Brazil (Mato Grosso). Types & Q AMNH*. N. COMB.
- viridigaster (Hull), 1943k:41 (Volucella). Type-locolity: Ecuador. Distr. same. Type & USNM. N. COMB.
- viridula (Walker), 1860:292 (Temnocera). Type-locality: "Mexico". Distr. same. Type & BM(NH). N. COMB.
- virtuosa (Hull), 1942g:95 (Volucella). Type-locality: Paraguay, Villarica. Distr. same. Type ? MCZ*. N. COMB.
- VITREA (Hull), 1949h:36 (Volucella). Type-locality: Peru, Pucallpa. Distr. same. Type $\,^{\circ}$ Hull. N. COMB.
- VITRIPENNE (Curran), 1930d:9, 1934b:387 (Volucella). Type-locality: Guyana, Kartabo. Distr. same. Type ♀ AMNH*. N. COMB.
- VITTATUM Thompson (nom. nov. for americanum Goot). Distr. Canada (Alberta), east to U.S.A. (New York); south to Mexico. Ref. Williston, 1887b:145 (redescription), pl. 6:4 (wing); Curran, 1925a:206, pl. 10:140 (male genitalia). NOM. NOV.
 - fasciatum Macquart, 1842:82 (22), pl. 5, fig. 2 (habitus) (Volucella; preocc. Herrich-Schaeffer, 1829). Type-locality: U.S.A., "Carolina". Type 9 MNHN*.
 - americanum Goot, 1964:214 (Volucella; nom. nov. for fasciatum Macquart, but preocc. Johnson, 1916).
- vittifacium (Hull), 1943d:18 (Volucella). Type-locality: Brazil, Amazon. Distr. same. Type $\mbox{$\mathbb{P}$}$ BM(NH). N. COMB.
- volucelloides (Bigot), 1884a:548 (Glaurotricha). Type-locality: "Mexico". Distr. same. Type & BM(NH). N. COMB.
- volucre (Giglio-Tos), 1892c:4 (Volucella). Type-locality: Mexico, Orizaba.

 Distr. Mexico (San Luis Potosi, Veracruz). Type & UTOR.

 N. COMB.
- vulcan (Hull), 1942g:93 (Volucella). Type-locality: Brazil, Santa Catarina, Joinville. Distr. same. Type $\,^\circ$ MCZ. N. COMB.
- VULTA (Fluke), 1951b:6 figs. 17 (head), 22 (scutellum), 39 (antenna), 53 (male genitalia) (Volucella). Type-locality: Argentina, Salta, Cafayate. Distr. Peru (Lima), Argentina (Tucumán, Salta). Type & IML. N. COMB.
- WILLINKI (Fluke), 1951b:10, figs. 2 (head), 24 (scutellum), 54 (male gentialia) (Volucella). Type-locality: Argentina, Tucumán, Siambón. Distr. Argentina (Tucumán, Buenos Aires). Type of IML. N. COMB.
- WULPI (Goot), 1964:214 (Volucella; nom. nov. for testaceum Wulp).

 Distr. Venezuela. N. COMB.
 - testaceum Wulp, 1891:203 (Volucella; preocc. Rondani, 1848). Typelocality: "Venezuela, Curação". Types & ML? [not found JRV].
- KIPE (Hull), 1942g:97 (Volucella). Type-locality: Panama, Chilibre. Distr.
 same, Type 9 AMNH*. N. COMB.
- YURA (Curran), 1930d;22 (Volucella). Type-locality: Peru, Yura. Distr. same. Type \(\rightarrow \text{AMNH*}. \) N. COMB.
- zephyra (Curran), 1939b:5 (Volucella). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Туре & AMNH*. N. COMB.

Tribe CALLICERINI

Genus Callicera Panzer

CALLICERA Panzer, 1809:17. Type-species, *Bibio aenea* Fabricius (mon.). Ref. — Curran, 1935 (key).

POULTONI Verrall, 1913:332. Type-locality: "Mexico". Distr. — same. Type $\mbox{$\mathbb{P}$}$ BM(NH).

Genus Notiocheilosia Thompson

NOTIOCHEILOSIA Thompson, 1972:112. Type-species, Chilosia nitescens. Shannon & Aubertin (orig. des.).

NITESCENS (Shannon & Aubertin), 1933:143 (Chilosia). Type-locality: Chile, Ensenada. Distr. — Chile (Santiago-Malleco), Argentina (Patagonia). Type & USNM*.

Tribe SERYCOMYIINI

Genus Arctophila Schiner

ARCTOPHILA Schiner, 1860:215. Type-species, $Syrphus\ bombiformis\ Fallén$ (Williston, 1887:158).

Tapetomyia Fluke, 1939:370. Type-species, meyeri Fluke (orig. des.). N. SYN.

MEYERI (Fluke), 1939:370, figs. 8 (head), 9 (wing tip), 10 (hind leg) (Tapetomyia). Type-locality: Mexico, Mexico City, 10,000 ft. Distr. — same. Type & AMNH*. N. COMB.

Tribe CHRYSOGASTERINI

Genus Lepidomyia Loew

LEPIDOMYIA Loew, 1864a:69 (1864b:231). Type-species, calopus Loew (mon.). Lepidostola Mik, 1886:278 (unjustified nom. nov. for Lepidomyia Loew). Lepromyia Williston, 1887:31 (unjustified nom. nov. for Lepidomyia Loew).

Ref. — Hull, 1946b (rev., key).

ABDOMINALLIS (Williston), 1888:262 (*Lepidostola*). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil. Type ? AMNH*.

BRETHESI (Shannon), 1928a:573 (Lepidostola). Type-locality: Bolivia, "Prov.-Sara". Distr. — Bolivia (El Beni). Type & MACN.

CALOPUS Loew, 1864a:69 (1864b:231). Type-locality: "Cuba". Distr. — same. Type 9 MCZ [lost]* Ref. — Hull, 1946b:9 (redescription), figs. 2 & 11 (head), 18 (wing), 27 (mesonotum), 37 (abdomen).

COLOMBIA (Curran), 1929:495 (*Lepidostola*). Type-locality: Colombia, Río Frío, Magdalena. Distr. — same. Type ? AMNH.

CREPUSCUSTELLATA (Hull) 1946b:4, figs. 3 (head), 16 (wing), 19 (mesonotum), 28 (abdomen) (*Lepidostola*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type of AMNH*.

DIONYSIANA (d'Andretta & Carrera), 1952:300, figs. 4 & 5 (middle & hind legs), 6 (wing), 7 (mesonotum), 8 (abdomen) (*Lepidostola*). Type-locality: Brazil, Acre. Distr. — same. Type ? MZUSP*.

JENNINGSI (Shannon), 1925a:108 (Lepidostola). Type-locality: Panama, Canal Zone. Distr. — Panama, Brazil (Santa Catarina. Type & USNM*. Ref. — Hull, 1946b:12 (redescription), figs. 6, 10 (head),

21 (mesonotum), 35 (abdomen).

ORTALINA Wulp, 1888:374. Type-locality: Argentina, Córdoba. Distr. — Brazil (Mato Grosso), Argentina (Tucumán, Córdoba, Buenos Aires). Type \(\gamma\) lost?. Ref. — Hull, 1946b:8 (redescription), figs. 7 (head), 14 (wing), 25 (mesonotum), 30 (abdomen).

var. LACTIVA (Hull), 1946b:9 (Lepidostola). Type-locality: Brazil,

Mato Grosso, Chapada. Type ? AMNH*.

PERPOLITA (Johnson), 1921:56 (*Lepidostola*). Type-locality: "Mexico". Distr. — same. Type & MCZ.

PULCHRA (Williston), 1888:261 (Lepidostola). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil (Mato Grosso, Acre). Types $\ensuremath{\circ}$?

AMNH.

SIMILIS (Williston), 1888:262 (Lepidostola). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Peru (Madre de Dios), Brazil (Mato Grosso, Santa Catarina, São Paulo). Type ? AMNH. Ref. — Hull, 1946b:5 (description of male), figs. 1 (head), 15 (wing), 26 (mesonotum), 29 (abdomen).

STELLATA (Hull), 1941a:1 (Lepidostola). Type-locality: Brazil, São Paulo. Distr. — same. Type \(\begin{array}{c} \text{AMNH. Ref.} & \text{Hull, 1946b: 12, figs. 8} \end{array} \)

(head), 13 (wing), 24 (mesonotum), 33 (abdomen).

TRILINEATA (Hull), 1941a:2 (*Lepidostola*). Type-locality: Brazil, Mato Grosso, Poxoréu, Coronel Ponce. Distr. — Peru (Madre de Dios), Brazil (Mato Grosso). Type & AMNH. Ref. — Hull, 1946b:12, figs. 5 & 9 (head), 27 (mesonotum), 36 (abdomen).

VULTURELLA (Hull), 1946b:7, figs. 4 (head), 17 (wing), 23 (mesonotum), 34 (abdomen) (*Lepidostola*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Tucumán). Type & AMNH.

Genus Myolepta Newman

MYOLEPTA Newman, 1838:373. Type-species, *Musca luteola* Gmelin (mon.). *Myiolepta*, emendation.

Xylotaeja Rondani, 1845:457. Type-species, Syrphus vara Panzer (orig. des.).

Eumyiolepta Shannon, 1921:71. Type-species, Myolepta strigilata Loew (orig. des.).

Sarolepta Hull, 1941i:436. Type-species, dolorosa Hull (orig. des.). Ref. — Fluke & Weems, 1956 (rev., keys).

Subgenus Myolepta Newman

AURICAUDATA Williston, 1891:40, pl. 1:11 (habitus), 11a (head), 11b (hind leg). Type-locality: Mexico, Guerrero, Xucumanatlán; Morelos, Cuernavaca. Distr. — U.S.A. (Arizona); Mexico (Guerrero, Morelos). Type & & BM(NH). Ref. — Fluke & Weems, 1956:11 (redescription), figs. 6 (mesonotum), 15 (antenna).

DOLOROSA (Hull), 1941i:436 (Sarolepta). Type-locality: "Venezuela". Distr.

— same. Type ♀ VMNH.

GREENI Hull, 1941i:435. Type-locality: Argentina, Tucumán, Villa Nougés.

Distr. — same. Type & USNM. Ref. — Fluke & Weems, 1956:10

(redescription), figs. 12 (antenna), 29 (male genitalia).

schreiteri Blanchard, in Fluke & Weems, 1956:11. Nomen nudum.

- HAEMORRHOIDALIS (Philippi), 1865:740 (Priomerus?). Type-locality: Chile, Santiago. Distr. — Chile, Argentina (Neuquén). Type ? MNHNS. Ref. — Fluke & Weems, 1956:8 (redescription), fig. 9 (antenna).
- LUCTUOSA (Bigot), 1857a:296, pl. 7:7 (wing, head, antenna) (Helophilus). Type-locality: "Chile". Distr. — same. Type & BM(NH). Ref. — Fluke & Weems, 1956:7 (description), fig. 13 (antenna).

luctuosa Philippi, 1865:739 (Priomerus?; preocc. Bigot, 1857). Type-locality: Chile. Type? MNHNS.
 NAUSICAA (Hull), 1937a:172, fig. 3 (mesonotum) (Nausigaster). Type-

locality: Uruguay, Montevideo. Distr. — Uruguay, Argentina (Formosa), Chile (Santiago). Type 9 USNM*. N. COMB.

apicalis Fluke, in Fluke & Weems, 1956:9, figs. 3 (head), 5 (thorax & abdomen) 10 (antenna), 27 (male genitalia). Type-locality: Argentina, Formosa, Juarez, Ingenio. Type & IML. N. SYN.

Subgenus Protolepidostola Hull

PROTOLEPIDOSTOLA Hull, 1949d:333 (as genus). Type-species, Lepidostola scintillans Hull (orig. des.)

BRAZILIANA (Shannon), 1927a:14 (Eumyiolepta). Type-locality: Brazil, Te-

resópolis. Distr. — same. Type ♂ BM(NH).

?CIRCULARIS (Hull), 1941i:434 (Eumyiolepta). Type-locality: Argentina, Tucumán, Villa Nougés. Distr. — same. Type ? USNM. Ref. — Fluke & Weems, 1956:12 (description), figs. 11 (antenna), 30 (male genitalia).

EVANSI Thompson, 1968:276. Type-locality: Mexico, Guerrero, 16 km east of Chilpancingo, 4700 ft. Distr. — same. Type ? MCZ*.

MINUTA Fluke, in Fluke & Weems, 1956:16, figs. 17 (wing tip), 32 (male genitalia). Type-locality: Argentina, Tucumán, Tafí, Locavera. Distr. - same. Type & IML.

PROBLEMATICA Thompson, 1968:275, figs. 2, 2a & 2h (head). Type-locality: Panama, Canal Zone, Barro Colorado. Distr. — same. Type &

MCZ*.

SCINTILLANS (Hull), 1946b:3, figs. 12 (head), 20 (mesonotum), 31 (abdomen) (Lepidostola). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*.

Genus Chromocheilosia Hull & Fluke

Cheilosia, subg. Chromocheilosia Hull & Fluke, 1950:306. Type-species, Chilosia bicolor Shannon & Aubertin (orig. des.). Ref. — Shannon & Aubertin, 1933:141 (key).

BICOLOR (Shannon & Aubertin), 1933:141, fig. 27a (head) (Chilosia). Type-locality: Chile, Casa Pangue. Distr. — same. Type & BM(NH).

INCERTA (Shannon & Aubertin), 1933:142, fig. 27b (head) (Chilosia). Type-locality: Chile, Casa Pangue. Distr. — Chile. Type ♀ USNM*.

PUBESCENS (Shannon & Aubertin), 1933:142 (Chilosia). Type-locality: Chile, Casa Pangue. Distr. — Chile, Argentina (Neuquén). Type & BM(NH).

Genus Orthonevra Macquart

orthonevra Macquart, 1829:188 (40). Type-species, Chrysogaster elegans Meigen (mon.).

Orthoneura, emendation.

Cryptineura Bigot, 1859:308. Type-species, hieroglyphica Bigot (mon.) = nitida Wiedemann.

Chrysogaster authors (part).

Ref. — Sedman, 1964 & 1966 (rev., keys).

?ANNULIFERA Bigot, 1884a:556. Type-locality: "Brazil". Distr. — same. Type ? OXF.

ARGENTINA (Brèthes), 1922:141 (Chrysogaster). Type-locality: Argentina, Buenos Aires, Sierra de la Ventana. Distr. — same. Type & MACN. N. COMB.

BELLULA (Williston), 1882:304 (Chrysogaster). Type-locality: U.S.A., Washington Territory, California. Distr. — Western U.S.A.; ?Mexico (Durango, Michoacán) [Williston, 1891:7]. Types & \(\varphi \) USNM*. Ref. — Sedman, 1964:170 (description), figs. 4 (eye markings). 11 (mesonotum), 16 (wing). N. COMB.

markings), 11 (mesonotum), 16 (wing). N. COMB.

FLUKEI (Sedman), 1964:173, figs. 3 (male genitalia), 8 (eye markings),
10 (mesonotum), 12 (wing) (Chysogaster). Type-locality: U.S.A.,
Arizona, Chochise Co., 17 mi. east of Douglas. Distr. — U.S.A.
(California to Nevada), south to Mexico (Baja California & Chiapas). Type & UCD*. N. COMB.

GEWGAW (Hull), 1941g:152, fig. 11 (wing) (Chrysogaster). Type-locality:

Cuba, Soledad, Distr. — same, Type & MCZ*, N. COMB, LABYRINTHOPS (Hull), 1944j:44 (Chrysogaster), Type-locality: Argentina, Mendoza, Potrerillos, 4000 ft. Type & CU. N. COMB.

?LUGUBRIS (Jaennicke), 1867:404 (Chrysogaster). Type-locality: Chile. Distr. — same. Type $\,^{\circ}$ SMF. N. COMB.

NEOTROPICA (Shannon), 1925a:107 (Chrysogaster). Type-locality: Paraguay, San Bernardino, Distr. — same. Type $\,^\circ$ USNM. N. COMB.

nitida (Wiedemann) not neotropical [Sedman, 1964:176].

QUADRISTRIATA (Shannon & Aubertin), 1933:140 (Chrysogaster). Type-locality: Argentina, Neuquén). Type $\vec{\sigma}$ USNM. N. COMB.

SHANNONI (Curran), 1925a:119 (Chrysogaster). Type-locality: Costa Rica, San Mateo, Huigito. Distr. — same. Type & USNM. N. COMB.

Genus CACOCERIA Hull

Cacomyia Hull, 1930:147 (preocc. Coquillett, 1906). Type-species, cressoni Hull (orig. des.).

CACOCERIA Hull, 1936a:227 (nom. nov. for cacomyia Hull).

CRESSONI (Hull), 1030:147, pl. 9:1 (mesonotum), 3 (hind leg), 4 (head) (Cacomyia). Type-locality: "Mexico". Distr. — same. Type $\,^{\circ}$ ANSP.

WILLISTONI Hull, 1949i:225. Type-locality: Peru, Chanchamayo. Distr. — Peru, Argentina (Tucumán). Type $\, \vec{\sigma} \,$ Hull.

Genus Chamaesphegina Shannon & Aubertin

CHAMAESPHEGINA Shannon & Aubertin, 1933:145. Type-species, argentifacies Shannon & Aubertin (orig. des.)

Desmetrum Enderlein, 1938:193. Type-species, macrum Enderlein (orig. des.).

ARGENTIFACIES Shannon & Aubertin, 1933:145, figs. 28 (head), 29 (wing).

Type-locality: Argentina, Ensenada. Distr. — Argentina, Chile (Arauco, Aysén, Curicó, Malleco). Type \$\partial \text{BM(NH)}\$.

MACRA (Enderlein), 1938:194 (Desmetrum). Type-locality: Middle Chile, "Comudes". Distr. — same. Type & ZMB.

Genus Brachyopa Meigen

BRACYOPA Meigen, 1822:260. Type-species, Musca conica Panzer (Westwood, 1840:137) = panzeri Goffe. Unnamed sp. — Mexico (Mexico).

Tribe EUMERINI

Genus Eumerus Meigen

EUMERUS Meigen, 1822:202. Type-species, Syrphu: tricolor Fabricius (Cur-

tis, 1839:pl. 749). Ref. — Latta & Cole, 1933 (rev., key).
TUBERCULATUS Rondani, 1857:93. Type-locality: "Italy". Distr. — Europe,
Canada, U.S.A.; Colombia (Magdalena). Types & PMZUF*. Ref. — Collin, 1920:103 (redescription), figs, 1 (4th sternum of male), 3 (hind leg), 4-6 (male genitalia).

Genus ALIPUMILIO Shannon

ALIPUMILIO Shannon, 1927a:12. Type-species, femoratus Shannon (orig. des.). Ref. — Vockeroth, 1964 (key).

AVISPAS Vockeroth, 1964:924, fig. 3 (wing tip). Type-locality: Peru, Madre de Dios, Avispas, 400 m. Distr. — same. Type ♀ CNC*.

FEMORATUS Shannon, 1927a:12, figs. 1 (wing), 2 (head), 3 (head). Typelocality: "Amazon". Distr. — same. Type 9 BM(NH)*. Ref. — Hull, 1949d:336, figs. 16a (habitus), 16b (hind leg), 16c,d (head).

NIGROCOERULEUS Vockeroth, 1964:924, fig. 2 (wing tip). Type-locality: Mexico, Morelos, Yautepec, Canyon de Lobos, 4000 ft. Distr. — same. Type \(\circ \text{CU}*. \)

PULLATUS Vockeroth, 1964:923, figs. 1 (wing tip), 4 (head). Type-locality:

Peru, Madre de Dios, Avispas, 400 m. Distr. — same. Type ♀ CNC*.

Genus Nausigaster Williston

NAUSIGASTER Williston, 1883:33. Type-species, punctulata Williston (mon.). Ref. — Curran, 1941 (key); Carrera, Lopes, & Lane, 1947b (biol., immature stages).

BONARIENSIS Lynch Arribálzaga, 1892d:254 (1892c:155). Type-locality: Argentina, Buenos Aires. Distr. - Argentina, Brazil (north to Mato Grosso & Rio de Janeiro). Type 9 MACN.

shannoni Carrera, Lopes & Lane, 1947b:481, figs. 28 (wing), 29-38 (male genitalia + abdomen), 39-49 (larva). Type-locality: Brazil, Rio de Janeiro. Type & IOC. N. SYN.

CHRYSIDIFORMIS Shannon, 1922b:39. Type-locality: Peru, Río Charape. Distr. — same. Type 9 USNM.

FLUKEI Curran, 1941:256. Type-locality: Paraguay, Villarica. Distr. —
Brazil (São Paulo, Paraná), Paraguay. Type ? AMNH*. Ref. — Carrera, et. al., 1947b:478 (description of male), figs. 20 (wing), 21-26 (male genitalia).

GEMINATA Townsend, 1897d:25. Type-locality: U.S.A., Texas, Beeville & Kenedy. Distr. — U.S.A. (Texas, Arizona), Mexico (Sonora, Durango, Hidalgo). Types ♂♀ BM(NH)* & VMNH*.

MERIDIONALIS Townsend, 1897a:20. Type-locality: Mexico, Vera Cruz, San Rafael. Distr. — Mexico (Vera Cruz), ?Brazil (Curran, 1941: 255). Type ♀ BM(NH)*.

PERUVIENSIS Shannon, 1922a:40. Type-locality: Peru, Santa Eulalia. Distr. — same. Type ♀ USNM.

PUNCTATA Williston, 1883:34, pl. 2, fig. 15 (habitus). Type-locality: U.S.A., New Mexico, Distr. — U.S.A. (California to Texas): Mexico (Durango), ?Brazil (Williston, 1888:259). Type 9 USNM,

TUBERCULATA Carrera, Lopes & Lane, 1947b:480, fig. 27 (wing). Typelocality: Brazil, Paraná, Iguaçu. Distr. — Brazil (Paraná, Santa

Catarina). Type 9 IOC.

UNIMACULATA Townsend, 1897b:24. Type-locality: U.S.A., California. Distr. — U.S.A. (California to Texas); Mexico (Sonora). Types & BM(NH) & USNM.

VANZOLINII d'Andretta & Carrera, 1952:298, figs. 2 (wing), 3 (abdomen). Type-locality: Brazil, Acre. Distr. — same. Type ? MZUSP*.

Tribe CERIOIDINI

Genus Sphiximorpha Rondani

sphiximorpha Rondani, 1850с:212. Type-species, Ceria subsessilis Illiger (orig. des.)

Sphyximorpha, emendation

Cerioides Rondani, 1850c:211 (originally cited in synonymy; validated by Becker, et al., 1907:156). Type-species, Ceria subsessilis Illiger (aut.)

Ceriodes, misspelling.

Cerioides, subg. Polistoceria Hull, 1949d:380, Type-species, kerteszi Shannon (orig. des.).

Ref. — Curran, 1941 (key).

BARBIPES (Loew), 1853:19 (Ceria). Type-locality: Uruguay, Montevideo. Distr. — Brazil (São Paulo, Rio de Janeiro, Mato Grosso, Santa Catarina), Uruguay, Argentina. Type & ZMB. N. COMB.

acra Curran, 1941:246 (Cerioides), Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type & AMNH*. N. SYN.

BIGOTII (Williston), 1888:291 (Ceria). Type-locality: Brazil, Mato Grosso,

Chapada. Distr. — Brazil (São Paulo, Rio de Janeiro, Mato Grosso). Types of P AMNH*. N. COMB.

BOLIVIANA (Kertész), 1903:434 (Ceria). Type-locality: Bolivia, Songo. Distr. — same. Type 9 UNMB [destroyed]. N. COMB.

BRAUERII (Williston), 1888:289 (Ceria). Type-locality: Brazil, Mato Grosso,

- Chapada; Pará, Santarém. Distr. Peru, Brazil (Pará, Mato Grosso), Bolivia. Types ? AMNH*. Ref. Hull, 1949d:267, fig. 4d (abdomen). N. COMB.
 - var. PHILIPPI (Shannon), 1925c:63 (Cerioides). Type-locality: Bolivia, Ivon, Beni. Type ? USNM.
- FACIALIS (Kertész), 1903:439 (Ceria). Type-locality: "Paraguay". Distr. Brazil (Paraná, Santa Catarina), Paraguay. Type & UNMB [destroyed]. N. COMB.
- FLAVOSIGNATA (Kertész), 1902:89 (Ceria). Type-locality: Bolivia, Songo; Peru, Maracapota, 1000 m. Distr. — same. Types & UNMB [destroyed]. N. COMB.
- KERTESZI (Shannon), 1925c:63 (Cerioides). Type-locality: Peru, Chanchamayo. Distr. - same. Type & USNM. N. COMB.
- (Williston), 1892:76, pl. 2:12 (habitus), 12a+b (head) (Ceria). Type-locality: Mexico, Guerrero, Xucumanatlán, 7000 ft. Distr. same. Types & BM(NH). N. COMB.
- MIKII (Williston), 1888:288 (Ceria). Type-locality: Brazil, Mato Grosso, Chapada, Distr. — same. Types ? AMNH*. N. COMB.

- NIGRIPENNIS (Williston), 1887:263 (Ceria). Type-locality: Mexico. Distr. same. Type $\,^\circ$ MCZ*. N. COMB.
- PICTA (Kertész), 1902:87 (Ceria). Type-locality: Bolivia, Songo; Peru, Callanga. Distr. same. Types of 9 UNMB [destroyed] N. COMB.
- POLISTES (Curran), 1941:246 (Cerioides). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Brazil (Santa Catarina), Paraguay. Type & AMNH*. N. COMB.
- ?POLISTIFORMIS (Hull), 1944i:404 (*Cerioides*). Type-locality: Bolivia, Cuesta de Sillunticara, 3000 m. Distr. same. Type \(\text{VMNH. N. COMB.} \)
- PYRRHOCERA (Kertész), 1903:435 (*Ceria*). Type-locality: Bolivia, S. Antonio. Distr. same. Type \(\begin{align*} \text{UNMB [destroyed]} \). N. COMB.
- ROEDERII (Williston), 1888:289 (Ceria). Type-locality: Brazil, Mato Grosso, Chapada. Distr. Peru, Brazil (Mato Grosso). Type & AMNH*. N. COMB.
- ?RUBROBRUNNEA (Hull), 1944i:403 (Cerioides). Type-locality: Colombia, Muzo. Distr. same. Type $\,^\circ$ VMNH. N. COMB.
- SACKENII (Williston), 1888:287 (Ceria). Type-locality: Brazil, Mato Grosso, Chapada. Distr. Brazil (Mato Grosso), Argentina (Formosa, Tucumán). Types & AMNH*. N. COMB.
- SHANNONI (Lane & Carrera), 1943:169 (Cerioides). Type-locality: Brazil, São Paulo, Juquiá. Distr. same. Type \(\pi \) MZUSP. N. COMB.
- SIGNIFERA (Loew), 1853:18 (Ceria). Type-locality: "Mexico". Distr. U.S.A. (Minnesota to Massachusetts, south to Florida); Mexico. Type \(\partial \text{ZMB} ? \text{ N. COMB}. \)
- Superba (Williston), 1887:264 (Ceria). Type-locality: "Mexico". Distr. same. Type & MCZ*. N. COMB.
- TRICHOPODA (Kertész), 1903:438 (Ceria). Type-locality: Bolivia, Songo. Distr. same. Type & UNMB [destroyed]. N. COMB.
- VARIABILIS (Kertész), 1903:437 (*Ceria*). Type-locality: Bolivia, Songo. Distr. Bolivia, Peru. Type \(\partial \text{UNMB [destroyed]} \). N. COMB.
- vicina (Kertész), 1902:89 (*Ceria*). Type-locality: Peru, Cagon, 1000 m. Distr. same. Type & UNMB [destroyed]. N. COMB.
- WULPII (Williston), 1888:290 (Ceria). Type-locality: Brazil, Mato Grosso, Chapada; Rio de Janeiro. Distr. Brazil (Rio de Janeiro, São Paulo, Mato Grosso). Types of 9 AMNH*. Ref. Sack, 1921:149, fig. 25 (puparium). N. COMB.

Genus Monoceromyia Shannon

- MONOCEROMYIA Shannon, 1922d:41. Type-species, Ceria tricolor Loew (mon.).
- BICOLOR (Kertész), 1902:86 (*Ceria*). Type-locality: Peru, Callanga. Distr. Peru, Bolivia. Type ? UNMB [destroyed]. N. COMB.
- CACICA (Walker), 1860:288 (Ceria). Type-locality: "Mexico". Distr. same. Type & BM(NH). N. COMB.
- DAPHNAEUS (Walker), 1849:537 (*Ceria*). Type-locality: "Jamaica". Distr.
 same. Type

 BM(NH). N. COMB.
- LYNCHII (Williston), 1888:287 (*Ceria*). Type-locality: Brazil, Mato Grosso, Chapada. Distr. same. Type AMNH*. N. COMB.
- Chapada. Distr. same. Type AMNH*. N. COMB.

 TRICOLOR (Loew), 1861:37 (Ceria). Type-locality: "Cuba". Distr. Cuba.

 Types 3.8 MCZ. Ref. Hull 1949d:264 fig. 3h (head)
- Types & P MCZ. Ref. Hull, 1949d:264, fig. 3b (head).

 VERRALLI (Williston), 1892:75 (Ceria). Type-locality: Panama, David.

 Distr. same. Type & BM(NH). N. COMB.
- VITTIPES (Curran), 1941:246 (*Cerioides*). Type-locality: Peru, Puerto Bermúdez. Distr. same. Type & AMNH*. N. COMB.

Genus Polybiomyia Shannon

- POLYBIOMYIA Shannon, 1925c:56. Type-species, schwarzi Shannon (orig des.). Ref. Shannon, 1925c (key), Curran, 1941 (key, in part).
- ARIETIS (Loew), 1853:17 (Ceria). Type-locality: "Mexico". Distr. same. Type & ZMB.
- BASSLERI (Curran), 1941:245 (Cerioides). Type-locality: Peru, Upper Río Huallaga. Distr. same. Type & AMNH*. N. COMB.
- BERGROTHI (Williston), 1892:77 (Ceria). Type-locality: Mexico, Vera Cruz, Atoyac. Distr. same. Type & BM(NH).
- CAPITIS (Curran), 1925a:27, pl. 1:2 (head) (Cerioides). Type-locality: Mexico, Mexico City. Distr. U.S.A. (Texas); Mexico (Distrito Federal). Type & USNM.
- LYNCHARRIBALZAGAI Shannon, 1927d:40. Type-locality: Argentina, Tucumán, Quebrada de Lules. Distr. same. Type 9 MACN?
- MACQUARTI Shannon, 1925c:59 (nom. nov. for scutellata Williston). Distr.
 U.S.A. (Texas); Mexico.
 - scutellata Williston, 1887:265 (Ceria; preocc. Macquart, 1842). Typelocality: Mexico, Type & USNM.
- NIGRA (Bigot), 1883b:317 (Sphyximorpha). Type-locality: "Mexico". Distr. same. Types & & BM(NH).
- ODONTOMERA (Curran), 1941:244 (Cerioides). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil (São Paulo, Acre, Mato Grosso). Type & AMNH. [lost-FCT]. N. COMB.
- PEDICELLATA (Williston), 1887:264 (Ceria). Type-locality: "Mexico". Distr. U.S.A. (Arizona, Texas, Florida); Mexico (Guanajuato, Isthmus of Tehuantepec). Type & USNM. Ref. Curran, 1925a:30 (redescription), pl. 2:3 (head).
- PLAUMANNI (Curran), 1941:245 (Cerioides). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type & AMNH*. N. COMB.
- Rufibasis (Bigot), 1883b:318 (Sphyximorpha). Type-locality: "Mexico". Distr. same. Type & BM(NH).
- SCHNABLEI (Williston), 1892:76 (Ceria). Type-locality: Mexico, Vera Cruz, Atoyac. Distr. U.S.A. (Texas), Mexico (Vera Cruz). Types & BM(NH).
- SCHWARZI Shannon, 1925c:57. Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. same. Type & USNM.
- TOWNSENDI (Snow), 1895b:246 (*Ceria*). Type-locality: U.S.A., New Mexico, Las Cruces. Distr. U.S.A. (California to Texas); Mexico (Durango). Type & UK.
- TRAVASSOSI (Lane & Carrera), 1943:172 (Cerioides). Type-locality: Brazil, São Paulo, Rio Paraná, Porto Cabral. Distr. same. Type & MZUSP*. N. COMB.

UNPLACED SPECIES OF CERIOIDINI

- NITIDA Sack, 1941:118 (1951:114) (Cerioides). Type
1locality: Peru, Umachuán. Types ${\it s}$?
- ROBUSTA Sack, 1941:119 (1951:115) (Cerioides). Type-locality: Peru, mouth of Pachitea River; Meshagua on Urubamba River. Types & ?

Tribe ERISTALINI

Genus Helophilus Meigen

HELOPHILUS Meigen, 1822:368. Type-species, *Musca pendula* Linnaeus (Curtis, 1832:pl. 429). Ref. — Curran & Fluke, 1926:211-229 (key, rev.).

FASCIATUS Walker, 1849:605. Type-locality: Canada, Ontario, Hudson's Bay, Albany River, St. Martin's Fall. Distr. — Canada (British Columbia to Quebec), south to U.S.A. (Florida), Mexico; Haiti? [Walker, 1860]. Type BM(NH). Ref. — Curran & Fluke, 1926:220 (redescription), pl. 5:6 (head).

similis Macquart, 1842:124 (64) (preocc. Curtis, 1832). Type-locality:

Georgia. Type ♂ OXF*.

impositus Walker, 1860:289 (Eristalis). Type-locality: Haiti (error?).

Type ♀ BM(NH).

LATIFRONS Loew, 1863:313 (1864b:197). Type-locality: U.S.A., Nebraska. Distr. — Alaska to Labrador, south to U.S.A. (Florida), Mexico. Types & PMCZ. Ref. — Curran & Fluke, 1926:216 (redescription), pl. 5:7, 8 (head).

Genus Polydontomyia Williston

Polydonta Macquart, 1850:448 (144) (preocc. Fischer, 1807). Type-species, bicolor Macquart (orig. des.) = albiceps (Macquart).

Triodonta Williston, 1885:136 (nom. nov. for Polydonta Macquart; preocc. Bory, 1827). Type-species, Polydonta bicolor Macquart (aut.) = albiceps (Macquart).

POLYDONTOMYIA Williston, 1896:89. Type-species, Merodon curvipes Wiede-

mann (Coquillett, 1910a:593) = albiceps (Macquart).

ALBICEPS (Macquart), 1846:260 (132) (Helophilus). Type-locality: Canada, Nova Scotia. Distr. — Alaska, south to U.S.A. (California & Nebraska); also Canada (eastern Quebec to Nova Scotia), south to U.S.A. (New Jersey); Mexico? [Wirth, et al., 1965:621], Brazil? [Walker, 1852:243]. Type ? MNHN? N. STATUS.

curvipes Wiedemann, 1830:149 (Merodon; preocc. Gmelin, 1790). Typelocality: "North America". Type ? VMNH. N. STATUS.

bicolor Walker, 1852:243 (Merodon; preocc. Macquart, 1850). Type locality: Brazil (error?). Type \(\begin{array}{c} & BM(NH)*. N. SYN. \end{array} \)

Genus Asemosyrphus Bigot

ASEMOSYRPHUS Bigot, 1882a:cxxviii. Type-species, oculiferus Bigot (Aldrich, 1933:168) = mexicanus (Macquart).

Dimorphomyia Bigot, 1885b:clxxiii. Type-species, calliphoroides Bigot (mon.) = mexicanus (Macquart) [see Aldrich, 1933: 168].

Ref. — Curran, 1939c (key).

ARQUATUS (Say), 1829:162 (Xylota). Type-locality: "Mexico". Distr. — same. Type ? lost. N. COMB.

formalis Walker, 1849:603 (Helophilus). Type-locality: "Mexico". Type \(\text{P} \) BM(NH)*. N. SYN.

bicolor Bigot, 1882a:cxxix. Type-locality: "Mexico". Type 9 BM(NH). N. SYN.

impurus Giglio-Tos, 1892c:6. Type-locality: "Mexico". Type ? UTOR*. olivaceus Giglio-Tos, 1892c:6. Type-locality: "Mexico". Type ? UTOR*. arcuata, Aldrich, 1905:398, emend.

- MEXICANUS (Macquart), 1842:124 (64), pl. 11, fig. 2 (habitus), 2a (head) (Helophilus). Type-locality: "Mexico". Distr. same. Types \circlearrowleft \circlearrowleft OXF*.
 - oculiferus Bigot, 1882a:cxxviii. Type-locality: "Mexico". Type 9 BM(NH).
 - nigroscutatus Bigot, 1882a; cxxviii. Type-locality: "Mexico". Type 9 BM(NH).
 - flavocaudatus Bigot, 1882a:cxxviii. Type-locality: "Mexico". Types 9 BM(NH).
 - calliphoroides Bigot, 1885b:clxxiii (Dimorphomyia). Type-locality: "Mexico". Type ? OXF.
 - griseus Giglio-Tos, 1892c:6. Type-locality: Mexico, Tehuacán. Types $\sigma \in UTOR^*$.
- POLYGRAMMUS (Loew), 1872a:85 (1872b:261) (Helophilus). Type-locality: U.S.A., California. Distr. Canada (British Columbia) to U.S.A. (Montana, south to California & Colorado); Mexico? [Wirth, et al., 1965:620]. Type \(\partial \text{MCZ}. \)

Genus Dolichogyna Macquart

DOLICHOGYNA Macquart, 1842:125 (65). Type-species, fasciata Macquart (orig. des.) = chiliensis (Guérin-Mèneville). Ref. — Fluke, 1951a (rev., key).

Subgenus Dolichogyna Macquart

ABRUPTA Hine, 1914:342. Type-locality: Peru, Arequipa. Distr. — Chile, Peru. Type & OhSU. Ref. — Fluke, 1951a:472 (redescription), figs. 4, 5 (head), 23 (male genitalia).

CHILIENSIS (Guérin-Méneville), 1835:545, tab. 99, fig. 2 (habitus), 2a (head). 2b (antenna), 2c (hind leg) (Helophilus). Type-locality: "Chile". Distr. — Chile, Argentina (Jujuy, Neuquén). Type? MNHN [lost? — not found, JRV]. Ref. — Fluke, 1951a:467 (redescription), figs. 1,2 (head), 11, 12 (abdomen), 19, 22 (male genitalia).

chilensis, various authors, misspelling.

chilensis Walker, 1837:344 (Helophilus; preocc. Guérin-Mèneville, 1835).

Type-locality: Chile, Chiloé. Types ♂♀ BM(NH).

fasciata Macquart, 1842:126, (186), tab. 12:1 (habitus) (66). Typelocality: Chile. Types ? MNHN*.

hahni Bigot, 1888b:24, tab. 3:6 (habitus) (Helophilus). Type-locality: ?Cap Horn? [no definite locality given]. Type ♂♀ BM(NH). MULLERI Fluke, 1951a:470, figs. 3 (head), 13 (abdomen), 15 (male geni-

MULLERI Fluke, 1951a:470, figs. 3 (head), 13 (abdomen), 15 (male genitalia). Type-locality: Ecuador, Azuay, Girón. Distr. — Peru, Ecuador. Type & AMNH*.

PERUANA Sack, 1941:114 (1951:110). Type-locality: Peru, Ocana; Arequipa. Distr. — Peru, Chile. Types & SMF*.

Subgenus Nosodepus Speiser

NOSODEPUS Speiser, 1914:131 (as genus). Type-species, minotaurus Speiser (orig. des.).

Conocotamyia Fluke, 1951a:473. Type-species, Helophilus picta Philippi (orig. des.).

HINEI Fluke, 1951a:476, figs. 6, 10 (head), 21 (cercus), 25 (middle tarsus). Type-locality: Peru, Puno. Distr. — Bolivia, Peru. Type & OhSU. MINOTAURUS (Speiser), 1914:132, figs. (head, leg) (Nosodepus). Typelocality: Peru, Guaqui. Distr. — same. Type ? [Wiesbaden?].

NIGRIPES Bigot, 1883b:346. Type-locality: "Chile". Distr. — Argentina, Chile. Types & P BM(NH). Ref. — Fluke, 1951a:477 (redescription), figs. 16 (male genitalia), 26 (middle tarsus).

PENNIPES (Sack), 1941:114 (1951:110), fig. 7 (middle tarsus) (Tubifera). Type-locality: "Peru". Distr. — same. Types ♂ ♀ MD. N. COMB.

PICTA (Philippi), 1865:743 (Helophilus). Type-locality: "Chile". Distr. — Peru, Argentina, Chile. Type ? MNHNS. Ref. — Fluke, 1951a:474 (redescription), figs. 7 (head), 14 (abdomen), 20, 24 (male genitalia), 27 (middle tarsus).

REYNOLDSI Shannon & Aubertin, 1933:165. Type-locality: Argentina, Tierra del Fuego, Río Grande. Distr. — Chile, Argentina. Type & BM(NH). Ref. — Fluke, 1951a:475 (redescription), figs. 8, 9 (head), 17, 18 (male genitalia).

ROSTRATA (Macquart), 1846:259 (131) (Helophilus). Type-locality: "Nouvelle-Grenade". Distr. — same. Type & BM(NH)*. N. COMB.

Genus Quichuana Knab

QUICHUANA Knab, 1913:13. Type-species, sylvicola Knab (orig. des.).

Quihuana, Hull, 1944k:510, misspelling. Ref. — Hull, 1946a (rev., key).

ANGUSTRIVENTRIS (Macquart), 1855:110 (90), pl. 5, fig. 2 (head) (Merodon). Type-locality: unknown. Distr. — South America? Type & MNHN.

AURATA (Walker), 1857:153 (Helophilus). Type-locality: "Valley of Amazon". Distr. — Colombia, Peru. Type & BM(NH). Ref. — Hull, 1946a:13 (redescription), fig. 2 (head).

Ceresa, 1934:387, figs. 3a+b (head), 3c (wing). Type-locality: Brazil, São Paulo, São Sebastião. Distr. — Brazil (São Paulo), Argentina (Tucumán). Types ♀♂ MCSNM*.

BORGMEIERI Lane & Carrera, 1944:206. Type-locality: Brazil, São Paulo, Horto Florestal da Cantareira. Distr. — same. Type 9 MZUSP*.

CALATHEA Shannon, 1925:111. Type-locality: Panama, Porto Bello. Distr. — Panama, Colombia. Types & Q USNM*. Ref. — Hull, 1946a:16, fig. 13 (head).

CESTUS Hull, 1946a:4, figs. 4 & 14 (head), 16 (antenna). Type-locality: Venezuela, Mt. Duida. Distr. — same. Type ♀ AMNH*.

CHAMPIONI (Williston), 1892:69 (Mallota?). Type-locality: Mexico, Guerrero, Amula, 6000 ft. Distr. — Mexico (Durango, Veracruz, Guerrero). Type & BM(NH). Ref. — Hull, 1946a:9 (redescription), figs. 19 (antenna), 27 (head).
nigra Giglio-Tos, 1892c:6 (Platynochaetus). Type-locality: Mexico,

Orizaba. Types 9 UTOR*. N. SYN.

CINTA (Bigot), 1883b:345 (Lepidomyia). Type-locality: "Mexico". Distr. same. Type of BM(NH)*. Ref. — Hull, 1946a:16, figs. 21 (antenna), 26 (head).

DOLOROSA Hull, 1946a:6. Type-locality: Bolivia, Mapiri. Distr. — same. Type of AMNH*.

FASCIATA (Sack), 1941:115 (1951:111) (Myiatropa), Type-locality: Peru, Paso de Lares. Distr. — same. Types ♂ ♀ MD + SMF*.

HERMOSA Hull, 1951b:67. Type-locality: Peru, Chanchamayo. Distr. — same. Type ♀ Hull.

INCA Shannon, 1925a:111. Type-locality: Peru, Huascaray. Distr. — Co-

lombia, Peru. Type & USNM. Ref. — Hull, 1946a:16, figs. 11 & 24 (head), 18 (antenna).

var. Brevicera Hull, 1946a:7. Type-locality: Colombia, Atrata Valley, Boca de Arquia. Types & BM(NH)*.

- KNABI Shannon, 1927a:15. Type-locality: Bolivia, Beni, Cavinas. Distr. same. Type 9 USNM. Ref. — Hull, 1946a:16, figs. 9 & 22 (head), 15 (antenna).
- MONTANA Hull, 1951b:65. Type-locality: Peru, Chanchamayo. Distr. -Venezuela, Peru. Type & Hull.
- NIGRICANS Thompson (nom. nov. for nigra Hull). Distr. Peru. NOM. NOV.
 - nigra Hull, 1949g:133 (preocc. Giglio-Tos, 1892). Type-locality: Peru, Pucallpa. Type ? Hull.
- PARISII Ceresa, 1934:389, figs. 4a+b (head), 4c (wing). Type-locality: Brazil, São Paulo, São Sebastião. Distr. — same. Types 9 MCSNM*.
- PICADOI Knab, 1913:14. Type-locality: "Costa Rica". Distr. Costa Rica, Colombia, Surinam. Type 9 USNM. Ref. — Hull, 1946a:16, figs. 12 & 25 (head), 17 (antenna).
- POGONOSA Fluke, 1937:11, fig. 14 (head). Type-locality: Brazil, Santa Catarina, Nova Teutônia: Distr. — Venezuela, Brazil. Type 3 AMNH*. Ref. — Hull, 1946a:15, fig. 8 (head).
- QUIXOTEA Hull, 1946a:14, fig. 6 (head). Type-locality: "Colombia". Distr. same. Types of 9 Hull.
- RIESELI Shannon, 1927c:5. Type-locality: Argentina, Tucumán. Distr. same. Type & MACN?
- SEPIAPENNIS Hull, 1944k:510 (Quihuana). Type-locality: Panama, Canal Zone, Barro Colorado Island, Distr. — same, Type 9 Hull, Ref. -Hull, 1946a:15, figs. 1 & 5 (head).
- SIMONETTA Hull, 1946a:5, figs. 3 & 7 (head). Type-locality: Peru, Huancabamba. Distr. -- same. Type 9 VMNH.
- SUBCOSTALIS (Walker), 1860:291 (Xylota). Type-locality: "Mexico". Distr. — same. Type 9 BM(NH). Ref. — Hull, 1946a:16, figs. 20 (antenna), 28 (head).
- SYLVICOLA Knab, 1913:14. Type-locality: Peru, Chanchamayo, Distr. same. Type 9 USNM. Ref. — Hull, 1946a:16, figs. 10 & 23 (head).
- URSULA Hull, 1949g:136. Type-locality: Peru, Pucallpa. Distr. same. Type & Hull.

Genus Mallota Meigen

- MALLOTA Meigen, 1822:377. Type-species, Syrphus fuciformis Fabricius (Rondani, 1845:452).
- Imatisma Macquart, 1842:127 (67). Type-species, Eristalis posticatus Fabricius (orig. des.). Ref. — Curran, 1940:12 (key).
- ABERRANS Shannon, 1927a:17. Type-locality: Peru, Paltaybamba. Distr. same. Type ? USNM.
- ANALIS (Macquart), 1846:260 (138), pl. 11, fig. 8 (habitus) (Imatisma).
- Type-locality: "Nova Grenada". Distr. same. Type ? BM(NH). BEQUAERTI Hull, 1956:24. Type-locality: U.S.A., Texas, Chisos Mountains, Big Bend National Park. Distr. — U.S.A. (Texas, Arizona); Mexico. Type & MCZ.

COLOMBII Macquart, 1850:445 (141), tab. 13, fig. 3 (habitus), 3a (head), 3b (antenna), 3c (hind leg). Type-locality: Colombia. Distr. — Colombia, Venezuela, Peru. Type \$\partial \text{MNHN*}.

vulpina Sack, 1941:116 (1951:112). Type-locality: Peru, Pichis. Types

♂♀ MD*. N. SYN.

apimima Hull, 1944i:402. Type-locality: "Venezuela". Type & VMNH*. N. SYN.

INTERMEDIA Hull, 1949g:125. Type-locality: Peru, Huánuco, F. Sinchono District. Distr. — same. Type 9 Hull.

INVERSA Shannon, 1927a:16. Type-locality: Peru, Chanchamayo. Distr. —

Peru. Type ? USNM.

MARGARITA Williston, 1892:70, pl. 2:7 (habitus), 7a (head), 7b (hind leg): Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft.; Xucumanatlán, 7000 ft. Distr. — same. Types ♂♀ BM(NH) & AMNH*.

MYSTACIA Fluke, 1939:372, fig. 12 (head). Type-locality: Panama, Chiriquí, El Volcán. Distr. — same. Type & AMNH*.

NIGRA Shannon, 1927a:16. Type-locality: Ecuador, Santa Inez. Distr. — same. Type \mathcal{P} BM(NH).

RUBICUNDA Curran, 1940:13. Type-locality: Ecuador, Tungurahua, Mt.

Tungurahua. Distr. — same. Type & AMNH*.

SACKENI Williston, 1882b:324. Type-locality: U.S.A., Washington Territory. Distr. — Western Canada & U.S.A.; Mexico. Types & USNM. Ref. — Williston, 1887b:204 (redescription), pl. 8:14 (wing).

SALTI Curran, 1929:499. Type-locality: Colombia, Santa Marta, Vista Nieve.

Distr. — same. Type ? AMNH*.

SMITHI Williston, 1892:70, pl. 2:8 (habitus), 8a (head), 8b (antenna). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft. Distr. — same. Types & BM(NH) & AMNH*.

Genus Habromyia Williston

HABROMYIA Williston, 1888:284. Type-species, coeruleithorax Williston (mon.).

Edwardsietta Hull, 1941i:437. Type-species, ochracea Hull (orig. des.). Lycopale Hull, 1944h:129. Type-species, Meromacrus vittata Hull (orig.

des.) = lizeri (Brèthes).

Criorthrix Hull, 1949d:391. Type-species, Habromyia rectilinea Hull (orig. des.).

BARBIELLINII (Ceresa), 1934:383, figs. 1 (habitus), 2a+b (head), 2c (wing) (Quichuana). Type-locality: Brazil, São Paulo, São Sebastião. Distr. — same. Types & MCSNM*.

CHRYSOTAENIA Fluke, 1937:12, fig. 15 (abdomen). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*.

COERULEITHORAX Williston, 1888:284. Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Peru, Brazil. Types & AMNH*. Ref. — Hull, 1949d:390, figs. 24a (wing), 24j (head).

FLAVIFACIES Shannon, 1927a:15. Type-locality: "Amazon". Distr. — same. Type & BM(NH)*.

FLOCCULA Hull, 1944j:47. Type-locality: Peru, Matucana. Distr. — same. Type $\, \circ \,$ CU.

LANGI Curran, 1934b:406. Type-locality: Guyana, Kamakusa. Distr. — same. Type $\, {\rm \mbox{$\,$}}\,$ AMNH*.

LIPOFLAVA Fluke, 1937:13. Type-locality: Peru, Yura. Distr. — Peru. Type & AMNH*.

LIZERI (Brèthes), 1914:97 (Helophilus). Type-locality: Argentina, Córdoba. Distr. — Argentina. Type & MACN. N. COMB.

vittata Hull, 1937a:170 (Meromacrus). Type-locality: Argentina,

Villa Nougés. Type ? USNM*. N. SYN.

MAGNIFICA (Bigot), 1880a:85 (*Plagiocera*). Type-locality: Colombia. Distr. — same. Type & OXF*. Ref. — Hull, 1949d:390, fig. 24h (head).

OCHRACEA (Hull), 1941:437 (Edwardsietta). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type \(\text{VSNM*}. \) Ref. — Hull, 1949d:390, fig. 24f (head).

RECTILINEA Hull, 1942h:19. Type-locality: Bolivia, Río Songo, 800 m. Distr.

— Bolivia. Types ? VMNH & Hull.

XYLOTAEFORMIS (Schiner), 1868:360 (Mallota). Type-locality: "Chile". Distr. — same. Types & \varphi VMNH.

Genus Eristalis Latreille

Tubifera Meigen, 1800:34. Type-species, Musca tenax Linnaeus (Coquillett, 1910a:618). Suppressed by I.C.Z.N., 1963:339.

Elophilus Meigen, 1803:274. Type-species, Musca tenax Linnaeus (La-

treille, 1810:443).

ERISTALIS Latreille, 1804:194. Type-species, *Musca tenax* Linnaeus (Curtis, 1832:pl. 432). [In order to preserve established usage, we have followed Wirth, *et al.*, 1965:622, in using *Eristalis* instead of its senior synonym, *Elophilus*.]

Eristaloides Rondani, 1845:453. Type-species, Musca tenax Linnaeus (Co-

quillett, 1910a:540).

Eristalomya Rondani, 1857:38. Type-species, Musca tenax Linnaeus (orig. des.).

Eriops Lioy, 1864:743 (preocc. Klug, 1808). Type-species, Musca tenax Linnaeus (Goffe, 1946:29).

Ref. — Hull, 1925a, 1925b (rev., key); Curran, 1930c, 1934b:407 (keys); Shannon & Aubertin, 1933:159 (key to Chilean and Southern Patagonian spp.); Bean, 1949 (male genitalia, key).

Subgenus Eristalis Latreille

TENAX (Linnaeus), 1758:591 (*Musca*). Type-locality: "Europe". Distr. — cosmopolitan. Type? Ref. — Williston, 1887b:160 (redescription), pl. 7:7 (wing), 7a (head), 7b (antenna), 7c (hind leg).

Subgenus Eoseristalis Kanervo

EOSERISTALIS Kanervo, 1938:12. Type-species, *Eristalis cerealis* Fabricius (orig. des.).

AZTECUS Hull, 1935:326, figs. 5 (head), 7, 8 (hind femora). Type-locality: Mexico, Real del Monte. Distr. — same. Type ? USNM*.

BELLARDII Jaennicke, 1867;400. Type-locality: "Mexico". Distr. — U.S.A. (Arizona); Mexico (Durango). Type & SMF. N. STATUS.

rufoscutata Bigot, 1880b:221 (Eristalomyia). Type-locality: Mexico. Types ♂♀ OXF*. N. SYN.

BOGOTENSIS Macquart, 1842:112 (52). Type-locality: Colombia, Santa Fé de Bogotá. Distr. — Colombia, Venezuela, Ecuador, Peru, Bolivia, Chile, Argentina (south to Tierra del Fuego). Types \$\forall MNHN* & BM(NH). Ref. — Hull, 1925b:308 (redescription), pl. 11:7 (abdomen), 2:12 (head), 15 (mesonotum).

assimilis Macquart, 1846:257 (129). Type-locality: "Colombia". Types

♂ ♀ MNHN? (not found — JRV). N. SYN.

CIRCE Williston, 1891:59, pl. 2:3 (habitus), 3a (head). Type-locality: Mexico, Durango, Ciudad; Guerrero, Omiltemi, 8000 ft.; Jalapa. Distr. — Mexico (Durango-Chiapas). Types & &BM(NH). Ref. — Hull, 1935:327 (redescription), fig. 2 (head).

bombusoides Giglio-Tos, 1892c:4. Type-locality: Mexico, Oaxaca.

Types ♂♀ UTOR*.

GUADELUPENSIS Macquart, 1842:92 (32). Type-locality: "Guadeloupe" (Error?). Distr. — same. Type & MNHN*.

PERSA Williston, 1891:58. Type-locality: Mexico, Guerrero, Sierra de las Aguas Escondidas, 9000 ft. Distr. — same. Type 9 BM(NH)*.

STIPATOR Osten-Sacken, 1877:336. Type-locality: U.S.A.: Colorado, Manitous Park & Denver; New Mexico, Morino Valley; California. Distr. — Canada (British Colombia to Nova Scotia), south to U.S.A. (Florida), Mexico (Guerrero). Types & MCZ. Ref. — Williston, 1887b:164 (redescription).

latifrons Loew, 1866a:169 (1872b:43) (preocc. Fallén, 1817). Typelocality: Mexico, Matamoros. Types ♂♀ MCZ.

var. Maculipennis Townsend, 1897d:93. Type-locality: U.S.A., New Mexico, Rio Gila, Head of East Fork. Types & P BM(NH).

TENUIFRONS Curran, 1930c:12. Type-locality: Panama, Canal Zone, Fort Randolph. Distr. — same. Type \(\foatsquare AMNH*. \)

Genus Lycastrirhyncha Bigot

LYCASTRIRHYNCHA Bigot, 1859:307. Type-species, nitens Bigot (mon.). Lycastrirrhyncha, various authors, misspelling.

Ref. — Doesburg, 1962:31 (key).

MEXICANA Curran, 1930e:15. Type-locality: Mexico, Vera Cruz. Distr. — same. Type & AMNH*.

NITENS Bigot, 1859:307. Type-locality: "Amazonia". Distr. — Mexico (Veracruz), "Amazons". Type 9 OXF*. Ref. — Hull, 1949d:393, fig. 25b (habitus), 25m (head).

QUINTA Doesburg, 1963:31. Type-locality: Surinam, Paramaribo. Distr. — same. Type & Doesburg*. Ref. — Doesburg, 1966:103 (description of male), figs. 67 (head), 68 (habitus).

TITILLANS Hull, 1944j:53. Type-locality: Guyana, Demerara River, Mackenzie. Distr. — same. Type & CU.

WILLISTONI Coquillett, 1902:196. Type-locality: Mexico, Tabasco, Frontera.

Distr. — same. Types & USNM. Ref. — Hull, 1949d:269, fig. 6a (head).

Genus Palpada Macquart

PALPADA Macquart, 1834:512. Type-species, scutellata Macquart (mon.) = scutellaris (Fabricius).

Doliosyrphus Bigot, 1882a:cxx. Type-species, scutellatus Bigot (Williston, 1887b:178) = scutellaris (Fabricius).

Dolyosyrphus, Bigot, 1883b:228, misspelling.

Ref. — Curran, 1930c, 1934b:407 (key, as part of Eritalis).

AEMULA (Williston), 1891:64, pl. 2:5 (habitus) (*Eristalis*). Type-locality:
Mexico, Guerrero: Río Papagaio, 1200 ft.; Chilpancingo, 4600 ft.;
Rincón, 2800 ft.; Venta de Zopilote 2800 ft.; Guatemala, San Geronimo; Panama: Bugaba. Distr. — Mexico (Guerrero), Gua-

temala, Panama, Guyana, Colombia. Types & P BM(NH). Ref. — Hull, 1925b:288 (redescription), pl. 1:1 (abdomen), 2:18

(hind leg). N. COMB.

AGRORUM (Fabricius), 1787:335 (Syrphus). Type-locality: "America". Distr. U.S.A. (Louisiana, Florida), West Indies (Cuba, Puerto Rico), Honduras, Panama, Venezuela, Peru, Brazil, Paraguay, Argentina (Tucumán, Jujuy, Formosa, Santa Fe, Entre Ríos, Córdoba). Types ♂ ♀ MC*. Ref. — Hull, 1925a:38 (description), pl. 1:3 (abdomen), 2:14 (mesonotum); Bean, 1949:143, fig. 4 (male genitalia). N. COMB.

cubensis Macquart, 1842:102 (42) (Eristalis). Type-locality: Cuba, Havana. Type \circ OXF*.

?sallei Giglio-Tos, 1892c:5 (Eristalis). Type-locality: Mexico. Type 🖓 UTOR*.

sallaei, various authors, misspelling.

- ALBIFRONS (Wiedemann), 1830:189 (Eristalis). Type-locality: "Brazil". Distr. — U.S.A. (Louisana to North Carolina & Florida); Cuba, Mexico, Guatemala, Panama, Colombia, Venezuela, Surinam, Brazil. Type & VMNH. Ref. — Hull, 1925a:35 (redescription), pl. 1:7 (abdomen); Bean, 1949:144, fig. 3 (male genitalia). N. COMB.
 - senicula Loew, 1866a:168 (1872b:42) (Eristalis). Type-locality: Cuba, Type & MCZ.
- ALBIVENTRIS (Bigot), 1880b:228 (Eristalomyia). Type-locality: Uruguay, Montevideo. Distr. same. Type ? BM(NH). N. COMB.
- AMAZON (Curran), 1930c:23 (Eristalis). Type-locality: Brazil, Amazonas, Rio Caiari-Uaupés. Distr. — Venezuela, Brazil (Amazonas). Type 💡 AMNH*. N. COMB.
- ARGYROPILA (Hull), 1938:121, fig. 10 (head) (Eristalis). Type-locality: French Guiana, Mana River. Distr. — same. Type ? CM. N. COMB.
- ATRIMANA (Loew), 1866a:167 (1872b:41) (Eristalis). Type-locality: "Cuba". Distr. — Cuba, Jamaica, Haiti, Puerto Rico, ?Venezuela [AMNH]. Type 9 MCZ. Ref. — Williston, 1887b:173 (description); Curran, 1930c:16 (redescription). N. COMB.

?willistoni Townsend, 1895a:47 (Eristalis). Type-locality: Jamaica, Bath; San Domingo. Types & P BM(NH) & USNM. [Williston,

1887b:173, refers to this species].

BEQUAERTI (Hull), 1942a:84 (Eristalis). Type-locality: Paraguay, Villarica. Distr. — same. Type of MCZ*. N. COMB.

antiopa Hull, 1942a:87 (Eristalis). Type-locality: Paraguay, Villarica. Type 9 MCZ*. N. SYN.

- BISTELLATA (Hull), 1935:328, figs. 1 (head), 6 (hind tibiae) (Eristalis). Type-locality: Peru, Piches & Perené. Distr. — same. Type ? USNM*. N. COMB.
- BRAZILIENSIS (Goot), 1964:214 (Eristalis; nom. nov. for trifasciata Macquart). Distr. — Brazil. N. COMB.
 - trifasciata Macquart, 1842:99 (39), pl. 10, fig. 1 (head) (Eristalis; preocc. Say, 1830). Type-locality: "Brazil". Type ? MNHN? (not found - JRV).
- BREVIVILLOSA (Hull), 1937a:173, figs. 2 (abdomen), 4 (hind leg) (Eristalis). Type-locality: Peru, Lima. Distr. — same. Type 9 USNM*. N. COMB.
- CALIGINOSA (Walker), 1849:621 (Eristalis). Type-locality: ?. Distr. ? (probably Neotropical). Type ♀ BM(NH)*. N. COMB.

- ?CALOMERA (Bigot), 1880b:229 (*Eristalomyia*?). Type-locality: "Amermerid.". Distr. same. Type \(\frac{1}{2} \) BM(NH). N. COMB.
- ?CALOPS (Bigot), 1880b:227 (*Eristalomyia*). Type-locality: "Colombia". Distr. same. Type 9 BM(NH).
- CHILENA (Rondani), 1863:5 (*Eristalomyia*). Type-locality: "Chile". Distr.— Mexico?, Jamaica?, Guyana?, Brazil?, Chile (south to Aysén), Argentina (doubtful records all from Fluke, 1957:137). Type \$\partial \text{MIZUN. N. COMB.}
 - lateralis Walker, 1837:347 (Eristalis; preocc. Fallén, 1817). Typelocality: "Chile". Type & BM(NH)*.
 - porteri Curran, 1935:8 (Eristalis). Type-locality: Chile, "probably Valparaiso". Type & AMNH*. N. SYN.
- CHILENSIS (Philippi), 1865:743 (*Eristalis*). Type-locality: Chile, Santiago. Distr. same. Type ? MNHNS. N. COMB.
- CLARIPENNIS (Hull), 1949g:123 (*Eristalis*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. Peru, Brazil (Santa Catarina). Type & Hull. N. COMB.
- CLARISSIMA (Giglio-Tos), 1892c:5 (*Eristalis*). Type-locality: Mexico, Tuxpango. Distr. same. Types & UTOR*. N. COMB.
- CLAUDIA (Curran), 1930c:18 (*Eristalis*). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. same. Type & AMNH*. N. COMB.
- ?columbica (Macquart), 1855:108 (88) (Eristalis). Type-locality: Colombia. Distr. same . Type $\mbox{$9$}$ BM(NH). N. COMB.
- CONCOLOR (Philippi), 1865:743 (*Eristalis*). Type-locality: Chile, Valparaíso. Distr. same. Type ? MNHNS. N. COMB.
- CONGRUA (Wulp), 1888:371 (*Eristalis*). Type-locality: Argentina, Prov. Tucumán. Distr. same. Type & ML? (lost? not found JRV). N. COMB.
- CONICA (Fabricius), 1805:190 (*Milesia*). Type-locality: "America meridionali". Distr. Guatemala, Colombia, Guyana, Brazil (Rio de Janeiro, Mato Grosso). Type & MC*. Ref. Hull, 1925b:290 (redescription), pl. 1:6 (abdomen). N. COMB.
- CORA (Hull), 1949g:121 (*Eristalis*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type ? Hull. N. COMB.
- COSMIA (Schiner), 1868:362 (*Eristalis*). Type-locality: "Venezuela"). Distr. Mexico (Veracruz), Ecuador, Colombia, Peru, Argentina (Tucumán). Types & VMNH*. N. COMB.
- CROCEIMACULATA (Jacobs), 1900:107 (*Eristalis*). Type-locality: Argentina, Tierra del Fuego, Isla de los Estados, "Golfe Saint-Jean". Distr. same. Type $\,^\circ$?
- ?CROCEIPES (Bigot), 1880b:227 (Eristalomyia). Type-locality: "Amer. merid.". Distr. same. Type $\,^\circ$ BM(NH). N. COMB.
- DECORA (Perty), 1830:185, tab. 37, fig. 3 (habitus) (*Eristalis*). Type-locality:
 Brazil, "Provincia Piauhiensis". Distr. same. Type(s) ? ZSM.
 N. COMB.
- DIABILIS (Hull), 1935:330, figs. 3 (scutellum), 11 (hind leg) (*Eristalis*).

 Type-locality: Mexico, Mexico City. Distr. Mexico. Type & USNM*. N. COMB.
- DIMINUTA (Walker), 1849:622 (*Eristalis*). Type-locality: "Mexico". Distr. same. Type \(\begin{align*} \text{BM(NH)} & \text{N} & \text{COMB} & \text{COM
- DISTINGUENDA (Wiedemann), 1830:191 (*Eristalis*). Type-locality: Uruguay, Montevideo. Distr. Paraguay, Uruguay, Argentina. Type & VMNH*. Ref. Curran, 1930c:8 (descriptive note). N. COMB.

xanthaspis Wiedemann, 1830:191 (Eristalis). Type-locality: ? (not

given). Type 9 VMNH? (not found — JRV).

DORIS (Curran), 1930c:20 (Eristalis). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil (Mato Grosso, Rio de Janeiro). Type & AMNH*. N. COMB.

DOROTHEA (Hull), 1942a:88 (Eristalis). Type-locality: Paraguay, Villarica.

Distr. — same. Type 9 MCZ*. N. COMB.

ELEGANS (Blanchard), 1852:406 (Eristalis). Type-locality: Chile, Coquimbo.

Distr. — Chile (Santiago — rauco), Argentina (Saeta, Neuquén). Type(s)? MNHN? (not found — JRV). Ref. — Hull, 1925a:26 (description), pl.2:13 (abdomen), 16 (mesonotum). N. COMB.

philippii Schiner, 1868:363 (Eristalis). Type-locality: "Chile". Types 9

VMNH*.

- ERRATICA (Curran), 1930c:19 (*Eristalis*). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. Panama, Colombia, Venezuela, Guyana, Trinidad, Ecuador, Peru, Brazil. Type & AMNH*. N. COMB.
- EXPICTA (Walker), 1860:290 (*Eristalis*). Type-locality: "Mexico". Distr. same. Type & BM(NH)*. N. COMB.
- FAMILIARIS (Walker), 1860:290 (*Eristalis*). Type-locality: "Mexico". Distr. same. Type & BM(NH)*. N. COMB.
- FASCIATA (Wiedemann), 1819:51 (Eristalis). Type-locality: "Brazil". Distr.
 Mexico, Guatemala, Panama, Venezuela, Guyana, Trinidad,
 Ecuador, Brazil. Types & 9 VMNH* & ZMB. Ref. Hull, 1925a:34
 (description), pl. 1:6 (abdomen), 2:15 (mesonotum). N. COMB.

podagra Macquart, 1842:98 (38) (Eristalis). Type-locality: Brazil,

Pará. Type ? MNHN*.

- proxima Rondani, 1848:69 (Eristalis). Type-locality: "Brazil". Type ? ?
- bifasciata Macquart, 1855:107 (87) (Eristalis). Type-locality: "Brazil". Types ${\it d}$ OXF*.
- ?surinamensis Macquart, 1842:113 (53) (Eristalis; preocc. Degeer, 1776). Type-locality: "Surinam". Types & MNHN*. [probably not fasciata].
- FASCICULATA (Curran), 1938:2 (*Eristalis*). Type-locality: Brazil, São Paulo. Distr. Brazil, Argentina (Tucumán, Neuquén). Type & AMNH*. N. COMB.
- FLAVIPENNIS (Macquart), 1842:112 (52) (*Eristalis*). Type-locality: "Guyane". Distr. same, Type \(\begin{align*} \text{MNHN*} & \text{N. COMB} \end{align*}. \)
- FLAVOSCUTELLATA (Hull), 1937a:173, figs. 1 (tip of abdomen), 7 (hind leg) (Eristalis). Type-locality: Costa Rica, Hiquito, San Mateo. Distr.
 same, Type & USNM*. N. COMB.
- FLOREA (Hull), 1925a:39, pl. 1:3 (abdomen) (*Eristalis*). Type-locality: Guyana, Arakaba & Bartica, Kartabo. Distr. Mexico (Tabasco), Panama, Guyana, Trinidad. Type & OhSU. N. COMB.
- FULIGINOSA (Hull), 1935:327, figs. 4 (scutellum), 9 (head), 10, 12 (hind femur) (*Eristalis*). Type-locality: Costa Rica, Atenas. Distr. same. Type & USNM*. N. COMB.
- FULVIPES (Bigot), 1880z:225 (*Eristalomyia*). Type-locality: "Mexico". Distr. same. Type % BM(NH), N. COMB.
- FULVITARSIS (Rondani), 1863:6 (Eristalomyia; nom. nov. for rufitarsis Macquart, 1855). Distr. — Colombia. N. COMB.
 - rufitarsis Macquart, 1855:109 (89) (Eristalis; preocc. Macquart, 1842). Type-locality: "Colombia". Type & BM(NH).

FUNEREA (Rondani), 1850b:358 (Eristalis). Type-locality: "America aequatoriali" [Ecuador, Rio Napo]. Distr. — same. Type ? MIZUN. N. COMB.

funescens, Williston, 1886:219, misspelling.

FURCATA (Wiedemann), 1819:51 (Eristalis). Type-locality "Brazil". Distr. – Mexico (Durango), south to Peru and Argentina Type ੋ VMNH*. Ref. — Hull, 1925a:29 (description), pl. 2:11 (abdomen), 20 (mesonotum). N. COMB.

femorata Macquart, 1842:100 (40), pl. 3, fig. 6 (head) (Eristalis). Type-locality: Brazil, Rio de Janeiro. Type ♀ MNHN*.

tenebrica Walker, 1849:601 (Merodon). Type-locality: ? Type ♀ BM(NH).

florida Walker, 1852:245 (Eristalis). Type-locality: "Brazil". Type & BM(NH).

FUSCIPENNIS (Macquart), 1846:256 (128), pl. 11, fig. 5 (wing) (Eristalis). Type-locality: "Surinam". Distr. — same. Type ? MRHNB. N. COMB.

GENICULATA (Fabricius), 1805:237 (Eristalis), Type-locality: "America meridionali". Distr. — Surinam, Brazil. Type & MC*. N. COMB.

fumipennis Stephens, 1846:29, pl. 47:3 (habitus) (Eristalis). Typelocality: unknown. Type & BM(NH). Ref. Verrall, 1901:672. N. SYN.

GENICULOSA Thompson (nom. nov. for geniculata Bigot). Distr. — Argentina (Buenos Aires). NOM. NOV.

geniculata Bigot, 1883a:cxx (Doliosyrphus; preocc. Fabricius, 1805). Type-locality: Argentina, Buenos Aires. Types ♂♀ BM(NH).

GLABELLA (Hull), 1942a:85 (Eristalis). Type-locality: Panama, Canal Zone, Summit. Distr. — same. Type $^{\circ}$ MCZ*. N. COMB.

GUNDLACHI (Loew), 1866a:166 (1872b:40) (Eristalis). Type-locality: "Cuba". Distr. — same. Types ♂ ♀ MCZ. N. COMB.

GUYANENSIS (Goot), 1964:213 (Eristalis; nom. nov. for pygmaea Macquart). Distr. - Surinam. N. COMB.

pygmaea Macquart, 1842:114 (54) (Eristalis; preocc. Zetterstedt,

1838). Type-locality: "Surinam". Type & MNHN*.

HORTORUM (Fabricius), 1775:764 (Syrphus). Type-locality: "America".

Distr. — West Indies, Cuba, Puerto Rico, St. Thomas. Type ? Kiel? (not found - JRV). Ref. - Williston, 1887b:173 (redescription), pl. 7:10 (wing); Hull, 1925a:41 (description), pl. 1:8 (abdomen). N. COMB.

INCA (Bigot), 1880b:217 (Eristalis). Type-locality: "Peru". Distr. — same. Type & BM(NH). N. COMB.

INCERTA (Bigot), 1880b:220 (Eristalomyia). Type-locality: "Brazil". Distr. - same. Type 9 OXF. N. COMB.

INCUBUS (Hull), 1943f:29 (Eristalis). Type-locality: Brazil, Paraná, Curitiba. Distr. — same. Type ? Hull. N. COMB.

INTERRUPTA (Fabricius), 1805:239 (Eristalis). Type-locality: meridionali". Distr. — same. Type & MC*. N. COMB.

(Wiedemann), 1830:161 (Eristalis). Type-locality: Surinam.

Distr. — same. Typ. 3 SMF*. N. COMB. LANGI (Curran), 1934b:411 (*Eristalis*). Type-locality: Guyana, Kamakusa. Distr. — Guyana, Peru, Brazil (Mato Grosso). Type 9 AMNH*. N. COMB.

MACULA (Sack), 1941:112 (1951:108) (Eristalis). Type-locality: Peru, Pachitea River. Distr. — Ecuador, Colombia, Peru. Types ♂♀ MD. N. COMB.

stigmatica Hull, 1944d:45 (Eristalis). Type-locality: Colombia, Atrato

Valley. Type ♀ BM(NH)*. N. COMB.

MEIGENII (Wiedemann), 1830:177 (Eristalis), Type-locality; Uruguay, Montevideo. Distr. — Uruguay, Argentina (Buenos Aires), Chile (Santiago — Malleco). Type & VMNH*. Ref. — Hull, 1925a:29 (redescription), figs. 12 (abdomen), 18 (mesonotum), 22 (head). N. COMB.

quadraticornis Macquart, 1842:111 (51), pl. 10, fig. 2 (head) (Eris-

talis). Type-locality: "Chile". Type 9 MNHN*.

testaceiscutellata Macquart, 1850:442 (138) (Eristalis). Type-locality: "Chile". Types of MNHN*.

joveifrons Thomson, 1869:491 (Eristalis). Type-locality: Argentina,

Buenos Aires. Type ? NRS*.

- MELANASPIS (Wiedemann), 1830:176 (Eristalis). Type-locality: "Brazil". Distr. — Brazil, Bolivia, Paraguay. Types of VMNH & ZMB*. Ref. — Hull, 1925b:287 (redescription). N. COMB.
 - nigriscutellata Macquart, 1848:201 (41) (Eristalis). Type-locality: "Brazil". Type of MNHN*.
 - nigroscutellata, Williston, 1886:318, Fluke, 1957:138, misspelling. volatica Williston, 1888:280 (Eristalis). Type-locality: Brazil, Mato Grosso, Chapada; Corumbá; Rio de Janeiro. Types ♂ AMNH*.
- MEXICANA (Macquart), 1847:75 (59). (Eristalis). Type-locality: "Mexico". Distr. - same. Type & BM(NH). N. COMB.
- MINUTALIS (Williston), 1891:64, pl. 2:6 (habitus), 6a (head) (Eristalis). Type-locality: Mexico, Tabasco, Teapa. Distr. — Mexico (Tabasco), Honduras, Guatemala, Guyana, Colombia, Brazil. Types ♂♀ BM(NH). Ref. — Hull, 1925a: 42 (redescription). N. COMB.
- MIRABILIS (Hull), 1925b:305, pl. 2:11 (mesonotum) (Eristalis). Typelocality: Colombia, Vista Nieve. Distr. Colombia. Type \circ AMNH*. N. COMB.
- MITIS (Curran), 1930c:11 (Eristalis). Type-locality: Panama, Canal Zone, Corozal. Distr. — Mexico (Veracruz), Panama. Type ? AMNH*. N. COMB.
- MONTICOLA (Röder), 1892:9, fig. 1 (habitus) (Eristalis; nom. nov. for montana Röder). Distr. - Colombia. N. COMB.
 - montana Röder, 1886:263 (Eristalis; preocc. Williston, 1882). Typelocality: Colombia, Cordilleren, Páramo, 3600 m. Types ? (Halle).
- NIGRIPENNIS (Macquart), 1855:108 (88) (Eristalis). Type-locality: "Colombia". Distr. — same. Type & OXF. N. COMB.
- NIGRIPES (Wiedemann), 1830:165 (Eristalis), Type-locality: "Brazil", Distr.
- Surinam, Brazil, Argentina. Type ♀ VMNH*. N. COMB. OBLIGUA (Curran), 1940:14 (*Eristalis*). Type-locality: Guyana, Mazaruni. Distr. — Guyana, Peru. Type & AMNH*. N. COMB.
- OBSOLETA (Wiedemann), 1830:175 (Eristalis). Type-locality: "Brazil". Distr. — Guatemala, Venezuela, Brazil. Types & VMNH. Ref. -Hull, 1925b:306 (description); Bean, 1949:146, fig. 9 (male genitalia). N. COMB.
 - ?pachypoda Bigot, 1880b:224 (Eristalomyia). Type-locality: "Mexico". Type 9 BM(NH).
- OCHRACEA (Williston), 1888:279 (Eristalis). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Mexico (Tabasco), Colombia, Guyana, Brazil (São Paulo, Mato Grosso). Type & AMNH*. N. COMB.
 - alacris Curran, 1934b:413 (Eristalis). Type-locality: Guyana, Kamakusa. Type ? AMNH*.

- ORNATA (Townsend), 1897a:21 (*Eristalis*). Type-locality: Mexico, Veracruz, Río Nautla, San Rafael. Distr. U.S.A. (California), Mexico (Veracruz). Tpes & BM(NH). N. COMB.
- PARVULA (Williston), 1888:282 (*Eristalis*). Type-locality: Brazil, Mato Grosso, Chapada. Distr. same. Type ? AMNH*. N. COMB.
- PENALTIS (Curran), 1934b:412 (*Eristalis*). Type-locality: Guyana, Kartabo. Distr. same. Type & AMNH*. N. COMB.
- PRECIPUA (Williston), 1888:280 (Eristalis). Type-locality: Brazil, Swo Paulo; Mato Grosso, Chapada. Distr. Brazil (São Paulo, Mato Grosso, Santa Catarina); Argentina (Formosa). Types & Q AMNH*. Ref. Hull, 1925b:286 (description), pl. 1:8 (mesonotum). N. COMB.
- PUSILIA (Macquart), 1842:114 (54) (Eristalis). Type-locality: French Guiana, Mana River. Distr. U.S.A. (Texas), Mexico, Cuba, Guatemala, Ecuador, Colombia, Argentina (Tucumán, Formosa). Type & MNHN*. Ref. Hull, 1925a:36 (description), pl. 1:2 (abdomen). 2:17 (mesonotum); Bean, 1949:144, fig. 2 (male genitalia). N. COMB.
 - annulipes Macquart, 1842:109 (49) (Eristalis). Type-locality: Brazil, Rio de Janeiro. Types & % MNHN*. N. SYN.
 - tricolor Jaennicke, 1867:400 (Eristalis; preocc. Meigen, 1803). Typelocality: "Mexico". Type ♀ SMF.
- Pusio (Wiedemann), 1830:192 (*Eristalis*). Type-locality: "Brazil". Distr. Puerto Rico, Ecuador, Brazil, Argentina. Type \(\text{VMNH*. Ref.} Curran, 1930c:13 (redescription). N. COMB.
- Pusioides (Hull), 1951b:68 (*Eristalis*). Type-locality: Peru, Chanchamayo. Distr. same. Type & Hull. N. COMB.
- PYGOLAMPA (Wiedemann), 1830:161 (*Eristalis*). Type-locality: "Brazil".

 Distr. Guyana, Brazil, Paraguay, Argentina (Tucumán). Types

 & VMNH & MC*. Ref. Hull, 1925b:304 (redescription).

 N. COMB.
- QUITENSIS (Macquart), 1855:109 (89) (*Eristalis*). Type-locality: Ecuador, Quito, Distr. same. Type \(\begin{array}{c} \text{BM(NH)*}. & \text{N. COMB.} \end{array} \)
- RUFICEPS (Macquart), 1842:111 (51) (*Eristalis*). Type-locality: Colombia, Santa Fe de Bogotá. Distr. Mexico, Colombia, Ecuador, Venezuela, Bolivia. Type & MNHN*. Ref. Hull, 1925b:307 (description), pl. 2:10 (head). N. COMB.
 - thoracica Jaennicke, 1867;399 (Eristalis). Type-locality: "Mexico". Types & 9 SMF.
- RUFIPEDES Thompson (nom. nov. for *rufipes* Macquart). Distr. Brazil. NOM. NOV.
 - rufipes Macquart, 1842:102 (42) (Eristalis; preocc. Fabricius, 1805).

 Type-locality: Brazil, "parte meridionale des Campos Geraes".

 Type 9 MNHN*.
- RUFIVENTRIS (Macquart), 1846:257 (129) (Eristalis). Type-locality: "Colombia". Distr. U.S.A. (Texas), Mexico, Guatemala, Honduras, Colombia, Ecuador, Peru, Brazil, Argentina (Formosa, Tucumán). Type & MNHN? (not found JRV). Ref. Hull, 1925a:33 (description), pl. 1:4 (abdomen). N. COMB.
 - praeclarus Giglio-Tos, 1892c:5 (Eristalis). Type-locality: Mexico, Tuxpango. Type & UTOR*.
- RUFOSCUTELLATA (Sack), 1921:142, fig. 16 (head) (*Eristalis*). Type-locality: Paraguay, St. Trinidad. Distr. Brazil (São Paulo, Santa Cata-

rina, Paraná), Paraguay, Argentina (Tucumán). Types & PDEI & SMF*. N. COMB.

cyatheus Hull, 1925b:287, pl. 1:9 (mesonotum), 2:13 (head) (Eristalis). Type-locality: Brazil, São Paulo, São Sebastião. Type 💡 AMNH*. N. SYN.

SCHISTACEA (Williston), 1888:282 (Eristalis). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Type ? AMNH (lost — FCT). N. COMB.

SCOPANTHUS (Hull), 1944j:45 (Eristalis). Type-locality: Peru, Lima. Distr. — same. Type ♂ CU. N. COMB.

SCUTELLARIS (Fabricius), 1805:190 (Milesia). Type-locality: "America meridionali". Distr. — U.S.A. (New Mexico), south to Brazil. Type 9 MC*, Ref. — Hull, 1925b:291 (description), pl. 2:16, 19 (head); Doesburg, 1963: 23, fig. 1 (habitus), 1a (head), 1b (hind leg), 2, 4 (puparium), 3 (habitus). N. COMB.

scutellata Macquart, 1834:513, pl. 11, fig. 19 (mouthparts). Typelocality: "Brazil". Types of P MNHN*. N. SYN.

?angustata Rondani, 1848:70 (Eristalis). Type-locality: "Brazil". Type ? MIZUN.

?cognata Rondani, 1848:69 (Eristalis; preocc. Wiedemann, 1824). Type-locality: "Brazil". Type of MIZUN.

cyaneifera Walker, 1849:621 (Eristalis). Type-locality: ? Type ? BM(NH).

limbatinevris Macquart, 1850:441 (137) (Eristalis). Type-locality: "Brazil". Types & OXF*. N. SYN.

?fascithorax Macquart, 1850:443 (139) (Eristalis). Type-locality: "Amérique". Types & P MNHN*.

?agnata Rondani, 1850b:358 (Eristaliss nom. nov. for cognata Rondani).

?scutellata Bigot, 1883a:cxx (Doliosyrphus; preocc. Macquart, 1834). Type-locality: "Panama". Types ♂ ♀ BM(NH).

bimaculata Bigot, 1883b:222 (Priomerus). Nomen nudum.

rileyi Williston, 1887b:178 pl. 8:8 (head) (Doliosyrphus). Type-locality: U.S.A., New Mexico. Types & USNM.

SEMICIRCULUS (Walker), 1852:249 (Eristalis). Type-locality: "Honduras". Distr. — same. Type & BM(NH). M. COMB.

SOLENNIS (Walker), 1852:245 (Eristalis). Type-locality: ? Distr. — Mexico (Yucatán), Brazil, Argentina (Formosa, Tucumán, Río Negro). Type & BM(NH)*. N. COMB.

agrorum, Hull, 1925b:289, pl. 1:3 (abdomen), misidentification.

mus Curran, 1930c:21 (Eristalis). Type-locality: Brazil, Mato Grosso, Corumbá. Type & AMNH*. N. SYN.

SPECTABILIS (Hull), 1925b:289, pl. 1, fig. 2 (abdomen) (*Eristalis*). Typelocality: Venezuela, Caura Valley. Distr. — Venezuela, Guyana, Peru. Type ? MCZ*. N. COMB.

TAENIA (Wiedemann), 1830:174 (Eristalis). Type-locality: Uruguay, Montevideo. Distr. — Colombia, Venezuela, Brazil (São Paulo, Rio de Janeiro), Uruguay, Argentina (Formosa, Tucumán, Santa Fe, Córdoba). Types VMNH* & ZMB. Ref. — Hull, 1925a:38 (description); Curran, 1930c:13 (descriptive notes). N. COMB.

TATEI (Curran), 1930c:9 (Eristalis). Type-locality: Venezuela, Mt. Duida. Distr. - same. Type of AMNH*. N. COMB.

TESTACEICORNIS (Macquart), 1850:442 (138) (Eristalis). Type-locality: "Mexico". Distr. — U.S.A. (California, Arizona), Mexico, Panama,

- sackenis Bigot, 1880b:224 (*Eristalis*). Type-locality: "Mexico". Type 9 BM(NH)*. N. SYN.
- sumischrasti Giglio-Tos, 1892d:1 (Eristalis). Type-locality: Mexico, Tehuacán. Type σ UTOR*. N. SYN.
- sumichrasti, Giglio-Tos, 1893:6, Aldrich, 1905:389, Kertész, 1910:237, Fluke, 1957:143, emendation.
- THALIA (Hull), 1942a:86 (*Eristalis*). Type-locality: Colombia, Dept. Cundinamarca, Bogotá, 2600 m. Distr. same. Type & MCZ*. N. COMB.
- TRIANGULARIS (Giglio-Tos), 1892c: (*Eristalis*). Type-locality: Mexico, Cuautla. Distr. U.S.A. (California), Mexico, Cuba, Trinidad, Guatemala, Brazil. Type \$\text{UTOR*}\$. Ref. Hull, 1925a:35 (description), pl. 2:19 (mesonotum). N. COMB.
- TRIGONA (Williston), 1891:61, pl. 2:4 (habitus), 4a (head) (*Eristalis*). Type-locality: Mexico, Guerrero, Xucumanatlán, 7000 ft.; Omiltemi, 8000 ft. Distr. Mexico (Durango, Guerrero). Types & P. BM(NH). N. COMB.
 - atropos Giglio-Tos, 1892d:1 (Eristalis). Type-locality: "Mexico". Type $\vec{\sigma}$ UTOR*. N. SYN.
- UROTAENIA (Curran), 1930c:15 (Eristalis). Type-locality: Brazil, Mato Grosso, Chapada. Distr. Surinam, Ecuador, Peru, Brazil (Mato Grosso). Type & AMNH*. N. COMB.
- vera (Hull), 1949g:120 (*Eristalis*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type ? Hull. N. COMB.
- VIERECKI (Curran), 1930c:10 (*Eristalis*). Type-locality: Colombia, Vista Nieve. Distr. Colombia, Bolivia. Type & AMNH. N. COMB.
- VINETORUM (Fabricius), 1798:562 (Syrphus; as vinctorum, emended by Fabricius, 1799:48). Type-locality: "America Insulis". Distr. U.S.A. (Wisconsin to Pennsylvania), south to Brazil and Argentina (Misiones, Formosa); Galápagos, Cuba, Haiti, Puerto Rico, Virgin Islands, Trinidad. Type Kiel (lost, Zimsen, 1964:478). Ref. Williston, 1887b:171 (redescription), pl. 7:8a (hind leg); Hull, 1925a:40 (description), pl. 1:9 (abdomen); Bean, 1949:146, fig. 8 (male genitalia). N. COMB.
 - ?surinamensis Deg.er, 1776:145, pl. 29, fig. 1 (habitus) (Musca).
 Type-locality: "Surinam". Type ? NRS [lost, Persson, in litt.].
 - trifasciata Say, 1830:165 (Eristalis). Type-locality: "Mexico". Type? lost.
 - uvarum Walker, 1849:623 (*Eristalis*). Type-locality: "Jamaica". Types $\mbox{$\S$}$ BM(NH).

 - hirtipes Bigot, 1883a:cxxi (Doliosyrphus). Type-locality: Panama. Type $\mbox{$}^{\circ}$ BM(NH)*. N. SYN.
 - trilimbata Giglio-Tos, 1892c:5 (Eristalis). Type-locality: Mexico, Tampico. Type $\, \, ^{\circ} \,$ UTOR*. N. SYN.

Genus Meromacrus Rondani

Plagiocera Macquart, 1842:119 (59) (preocc. Klug. 1834). Type-species, Milesia cruciger Wiedemann (orig. des.) = acutus (Fabricius). MEROMACRUS Rondani, 1848:70. Type-species, *ghilianii* Rondani (mon.). *Pteroptila* Loew, 1866a:165 (1872b:39). Type-species, *decorus* Loew (Coquillett, 1910a:598).

Promilesia Lynch Arribálzaga, 1892a:241 (1892c:97). Type-species, nectarinoides Lynch Arribálzaga (mon.). N. SYN.

Metameromacrus Hull, 1942e:1. no type-species designated. Nomen nudum. Thalamopales Hull, 1949d:401. Type-species, Helophilus scitus Walker (orig des.).

Refs. — Sack, 1920 (rev., key); Hull, 1942e (rev., key).

ABDOMINALIS Sack, 1920;261, fig. y (mesonotum). Type-locality: Peru. Distr. — same. Type \(\varphi \) MD.

ACUTUS (Fabricius), 1805:189 (*Milesia*). Type-locality: U.S.A., "Carolina". Distr. — U.S.A. (Virginia to Florida & Texas), Mexico, Guatemala, British Honduras, Cuba. Types ? lost [Zimsen, 1964:473]. Ref. — Williston, 1887b:180 (redescription), pl. 8:1 (wing), 1a (abdominal tip), 1b (hind leg), 1c (head); Sack, 1920:260 (description); fig. c' (mesonotum); Hull, 1942e:11, figs. 9 & 10 antenna).

crucifer, Bigot, 1857b:337, misspelling.

millesiformis Macquart, 1834:500 (Mallota). Type-locality: Cuba. Type σ (Lille?).

milesiformis, Fluke, 1957:147, misspelling.

maculatus Macquart, 1850:451 (147), pl. 14, fig. 2 (wing) (Milesia). Type-locality: "Afrique" [error?] Type 9 MNHN.

AEMULUS (Williston), 1888:283 (Pteroptila). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Types & AMNH*. Ref. — Sack, 1920:260 (description), figs. w (wing), x (mesonotum).

ANNA Curran, 1936a:4. Type-locality: Panama, Canal Zone, Fort Randolph. Distr. — Panama, Guyana, Peru, Brazil. Type & AMNH*.

AURIFER Hull, 1942e:4, fig. 12 (mesonotum). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. → same. Type ♂ AMNH*.

BASIGER (Walker), 1860:290 (*Eristalis*). Type-locality: "Amazon Region". Distr. — Brazil, Argentina (Tucumán). Type \(\partial \) BM(NH). Ref. — Sack, 1920:270 (description), figs. d' (head), f' (mesonotum).

milesioides Bigot, 1880b:226 (*Eristalomyia*). Type-locality: "Brazil". Type & BM(NH).

BRUNERI Curran, 1936a:2. Type-locality: "Cuba". Distr. — same. Type $\,^{\circ}$ AMNH*.

BRUNNEUS Hull, 1942e:9, fig. 8 (antenna). Type-locality: Guyana, Wismar. Distr. — same. Type & AMNH*.

CANUSIUM (Walker), 1849:566 (*Milesia*). Type-locality: "Cape of Good Hope" (error, Hull, 1942e:9). Distr. — Mexico (Nayarit). Type \(\begin{array}{c} \text{BM(NH)} \). Ref. — Hull, 1942e:9 (description), fig. 1 (mesonotum).

CERES Hull, 1942b:11. Type-locality: "Brazil". Distr. — same. Type & Hull. CINCTUS (Drury), 1770:109, pl. 45, fig. 6; (index to vol. 1, p. [2]; 1773) (Musca). Type-locality: "Jamaica". Distr. — West Indies. Type? ? Ref. — Williston, 1887b:182 (redescription); Sack, 1920:265 (description).

pinguis Fabricius, 1775:763 (Syrphus). Type-locality: "America!"

Type ? ? [Zimsen, 1964:478].

ania Walker, 1849:564 (Milesia). Type-locality: "Jamaica". Type $\,^{\circ}$ BM (NH).

- CIRCUMDATUS (Bigot), 1875:471 (Sphixea). Type-locality: "Colombia". Distr. — Peru, Colombia. Type ? OXF. Ref. — Sack. 1920:263 (description), fig. b' (mesonotum).
- CURRANI Hull, 1942e:5, fig. 7 (antenna). Type-locality: "British Honduras". Distr. - same. Type ? AMNH*.
- DECORUS (Loew), 1866a:165 (1872b:39) (Pteroptila). Type-locality: "Cuba". Distr. — same. Types & PMCZ. Ref. — Williston, 1887b:181 (redescription); Sack, 1920:270 (description).
- DRACO Hull, 1942e:6. Type-locality: Guatemala, Quirigua. Distr. U.S.A. (Arizona, Texas); Guatemala, British Honduras, Costa Rica. Type & USNM.
- FLAVOLINEA Hull, 1949g:131. Type-locality: Peru, Puccalpa. Distr. same. Type & Hull.
- FLUKEI Curran, 1936a:3. Type-locality: West Indies, St. Vincent. Distr. Virgin Islands. Type & AMNH*.
- FUCATUS Hull, 1930:143. Type-locality: Surinam, Paramaribo. Distr. same. Type ? ANSP. Ref. — Hull, 1942e:11, fig. 11 (mesonotum).
- GHILIANII Rondani, 1848:71, figs. 3-5 (head), 4 (antenna). Type-locality: "Brazil". Distr. — same. Type & MIZUN.
- HINEI Hull, 1942e:4. Type-locality: Peru, Middle Rio Marañón. Distr. -same. Type ♂ AMNH*.
- LACONICUS (Walker), 1852:227 (Milesia). Type-locality: "Brazil". Distr. same. Type 9 BM(NH). N. COMB.
- LINEASCRIPTA Hull, 1937a:170, fig. 10 (mesonotum & abdomen). Type-locality: Bolivia, Beni, Ivon. Distr. — same. Type & USNM.
- MATILDA Hull, 1949g:127. Type-locality: Peru, Pucallpa. Distr. same. Type ? Hull.
- MELMOTH Hull, 1937b:12. Type-locality: Bolivia, Prov. of Sara. Distr. -
- same. Type & MCZ.

 MILESIA Hull, 1942e:2. Type-locality: "French Guiana". Distr. same.

 Type ? Hull?
- NECTARINOIDES (Lynch Arribálzaga), 1892a:243 (1892c:99), fig. 10 (head) (Promilesia). Type-locality: Argentina, Chaco; Misiones, Santa Ana & Mocona. Distr. — Brazil (Santa Catarina); Paraguay, Argentina (Tucumán, Buenos Aires, Chaco, Misiones). Types ? MACN. N. COMB.
 - cingulatus Sack, 1920:259. Type-locality: Brazil, Rio Grande do Sul, Santa Cruz. Types & P HZM & SMF*. N. SYN.
- NIGER Sack, 1920:264 [also, 1921:145]. Type-locality: Bolivia, Paraguay, St. Trinidad. Distr. — Guyana, Brazil, Bolivia, Paraguay, Argentina (Tucumán, Misiones). Types MD, DEI & SMF*.
 - ?funereus Shannon & Aubertin, 1933:163. Type-locality: Argentina,
- Misiones Terr., Posadas. Type & BM(NH)*.

 OBSCURUS Hine, 1924:21. Type-locality: Guatemala, Los Amates. Distr. —
 same. Type & OhSU.
- OPULENTUS (Bigot), 1883b:336 (Eristalis). Type-locality: "Cuba". Distr. -same. Type ? BM(NH). Ref. — Sack, 1920:267 (description); Hull, 1942e:10, figs. 2 (abdomen), 3 (mesonotum).
- PACHYPUS (Wiedemann), 1830:171 (Eristalis; nom. nov. for crassipes Fabricius). Distr. — Brazil (São Paulo, Mato Grosso). Ref. — Sack, 1920:262 (descriptive note), figs. z (head), a' (mesonotum); Hull, 1942c:11, fig. 6 (mesonotum). N. COMB.
 - crassipes Fabricius, 1805:196 (Merodon; preocc. Fabricius, 1805:237). Type-locality: "America meridionali". Type & MC*.

- simplex Schiner, 1868:365 (Plagiocera). Type-locality: "Brazil". Type σ VMNH. N. SYN.
- PLUTO Hull, 1942e:7, fig. 13 (antenna). Type-locality: Peru, Middle Rio Ucayali. Distr. same. Type & AMNH*.
- POTENS Curran, 1932a:8. Type-locality: Cuba, Sierra Maestra, B. de Joaquín. Distr. same. Type & AMNH*. Ref. Hull, 1942e:11, fig. 4 (antenna).
- PRATORUM (Fabricius), 1775:765 (Syrphus). Type-locality: "America". Distr. Panama, Guyana, Ecuador, Paraguay, Brazil, Argentina. Type? Kiel (not found JRV). Refs. Sack, 1920:268 (description), fig. e' (mesonotum); Sack, 1921:143 (description), figs. 17 (mesonotum), 18a (larva), 19 (puparium), 20 (anal organ).
 - panamensis Curran, 1930f:11. Type-locality: Panama, Canal Zone, Barro Colorado. Type o' AMNH*.
- RUFICRUS (Wiedemann), 1830:105 (*Milesia*). Type-locality: "Cuba". Distr. U.S.A. (Florida); Cuba. Type \(\geq \) ZMB. Ref. Williston, 1887b:181 (redescription); Sack, 1920:268 (redescription); Hull, 1942e:11, fig. 5 (antenna).
- scitus (Walker), 1857:152 (*Helophilus*). Type-locality: "Valley of Amazon". Distr. same. Type \(\text{P BM(NH)*}. \) Ref. Hull, 1949d:390, fig. 241 (head).
- STRIGULUS Hull, 1942e:8. Type-locality: Peru, Middle Río Ucayali. Distr. same. Type $\,$ AMNH*.
- UNICOLOR (Wulp), 1883:131, figs. 11 (habitus), 12,12 (head) (*Eristalis*). Type-locality: "Guadeloupe". Distr. same. Type \(\varphi \) ML? [not found JRV].
- villosus Hull, 1949g:129. Type-locality: Peru, Pucallpa. Distr. same. Type & Hull.
- ZONATUS (Loew), 1866a:165 (1872b:39) (Pteroptila). Type-locality: "Mexico". Distr. same. Type & MCZ. Ref. Williston, 1887b:182 (redescription); Sack, 1920:266 (description).
 - var. LOEWI (Williston), 1892:67 (Pteroptila). Type-locality: Panama, Volcan de Chiriquí. Distr. same. Type \(\beta \) BM(NH).

Tribe MILESIINI

Ref. — Shannon, 1926a (rev., keys)

Genus Xylota Meigen

- Zelima Meigen, 1800:34. Type-species, Musca segnis Linnaeus (Coquillett, 1910a:621). Suppressed by I.C.Z.N., 1963:339.
- Heliophilus Meigen, 1803:273. Type-species, Musca sylvarum Linnaeus (mon.).
- Eumeros Meigen, 1803:273. Type-species, $Musca\ segnis$ Linnaeus (Coquillett, 1910a:541).
- XYLOTA Meigen, 1822:211 (nom. nov. for *Heliophilus*). Type-species, *Musca sylvarum* Linnaeus (aut.) [In order to preserve established usage, we have followed Wirth, et al., 1965:604, in using *Xylota* instead of its senior synonyms, *Heliophilus* and *Eumeros*.]
- ANALIS Williston, 1887b:226. Type-locality: U.S.A., California & New Mexico. Distr. Canada (British Columbia) to U.S.A. (Colorado), south to Mexico (Durango). Types & Q USNM.

AZUREA (Fluke), 1953a:126 (Heliophilus). Type-locality: U.S.A., New Mexico, Cloudcroft. Distr. — U.S.A. (New Mexico); Mexico (Durango). Type & UK.

BRACHYGASTER Williston, 1892:72. Type-locality: Mexico, Guerrero, Omil-

temi, 8000 ft. Distr. — same. Type & BM(NH).

FLAVIFRONS Walker, 1849:557. Type-locality: Canada, Ontario, Hudson's Bay, Albany River, St. Martin's Falls. Distr. — Alaska to Labrador, south to Canada (British Columbia) and U.S.A. (Pennsylvania); ?Mexico [Giglio-Tos, 1893:26, as communis Walker]. Types & PM(NH).

communis Walker, 1849:557. Type-locality: Canada, Ontario, Hudson's Bay, Albany River, St. Martin's Falls. Types ♂♀ BM(NH).

NITIDULA (Fluke), 1939:368, fig. 8 (abdomen) (Heliophilus). Type-locality:

Mexico, Mexico City, 10,000 ft. Distr. — same. Type & AMNH*.

Mexico, Mexico City, 10,000 ft. Distr. — same. Type & AMNH*. PIGRA (Fabricius), 1794:295 (Syrphus). Type-locality: "Germany". Distr. — Holarctic; Canada (British Columbia to Quebec), south to U.S.A. (California to Florida); ?Mexico [Wirth, et. al., 1965:607]. Type ? lost (Zimsen, 1964:473).

PRETIOSA Loew, 1861:39. Type-locality: "Cuba". Distr. — same. Type & MCZ. Ref. — Williston, 1887b:237 (redescription).

STENOGASTER Williston, 1892:72. Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft. Distr. — same. Types & P BM(NH).

WILLISTONI (Goot), 1964:214 (Heliophilus; nom. nov. for rufipes Williston).

Distr. — Mexico.

rufipes Williston, 1892:71 (preocc. Loew, 1873). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft. Types ♂♀ BM(NH).

Genus Neplas Porter

Planes Rondani, 1863:9 (preocc. Bowditch, 1825; Saussure, 1862). Typespecies, Xylota vagans Wiedemann (mon.).

NEPLAS Porter, 1927b:96 (nom. nov. for *Planes* Rondani). Type-species, *Xylota vagans* Wiedmann (aut.). Ref. — Curran, 1941 (key).

ARIEL (Curran), 1941:302 (Planes). Type-locality: Brazil São Paulo. Distr. — same. Type \$\varphi\$ AMNH*.

ARMATIPES (Curran), 1941:300 (*Planes*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — same. Type & AMNH*.

AZTECA (Curran), 1941:303 (*Planes*). Type-locality: Honduras, Puerto

AZTECA (Curran), 1941:303 (*Planes*). Type-locality: Honduras, Puerto Castilla. Distr. — same. Type ? AMNH*.

BIDENS (Curran), 1941:300 (*Planes*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Mato Grosso, Santa Catarina). Type & AMNH*.

BOLIVIENSIS (Shannon), 1926a:44 (Planes). Type-locality: Bolivia, Huachi, Beni. Distr. — same. — Type & USNM.

CHLOROPS (Hull), 1948b:7 (*Planes*). Type-locality: Venezuela, San Esteban. Distr. — same. Type & USNM.

CHRYSOPRESSA (Hull), 1941d:158 (Planes). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type ? Hull.

CUPRESCENS (Hull), 1941d:159 (Planes). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type & Huli.

FRONTALIS (Curran), 1941:302 (Planes). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — same. Type & AMNH*.

GRANDIFEMORALIS (Curran), 1934b:402, fig. 28 (hind femur) (*Planes*). Type-locality: Guyana, Kartabo. Distr. — same. Type & AMNH*.

GRISEA (Hull), 1941e:281 (Planes). Type-locality: Brazil, São Paulo, Distr. — same. Type & Hull.

LYRICA (Curran), 1941:301 (Planes). Type-locality: Panama, Canal Zone, Corozal. Distr. - same. Type of AMNH*,

MINOR (Shannon), 1926a:44 (Planes). Type-locality: Bolivia, Ivón, Beni. Distr. — same. Type 9 USNM.

PACHYMERA (Loew), 1866a:162 (1872b:36) (Xylota). Type-locality: "Cuba". Distr. — Cuba, Puerto Rico. Type ? MCZ. Ref. — Williston, 1887b:237 (redescription).

PALITARSIS (Curran), 1934b:404 (Planes). Type-locality: Guayana, Kartabo. Distr. - same. Type of AMNH*.

PANAMENA (Curran), 1941:301 (Planes). Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type ? AMNH*.

PAUXILLA (Williston), 1892:71, pl. 2:9 (habitus), 9a (head), 9b (hind leg) (Xylota). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft.; Xucumanatlán, 7000 ft. Distr. — same. Types & PM(NH).

PROXIMA (Hull), 1944c:38 (Planes). Type-locality: "West Indies?". Distr. - same. Type ? MCZ.

PUMA (Curran), 1941:303 (Planes). Type-locality: Panama, Canal Zone,

Barro Colorado Island. Distr. — same. Type & AMNH*. RONDANII (Shannon), 1926a:14 (*Planes*). Type-locality: Costa Rica, San Mateo, Higuito. Distr. — same. Type & USNM.

SAPPHIRINA Hull, 1951c:185. Type-locality: Peru, Chanchamayo. Distr. same. Type of Hull.

SCHILDI (Shannon), 1926a:15 (Planes). Type-locality: Costa Rica, San Mateo, Higuito. Type & USNM.

SMARTI (Curran), 1941:302 (Planes). Type-locality: Guyana, Kaieteur. Distr. — same. Type & BM(NH)*.

VAGABONDANS (Hull), 1941c:62 (Planes). Type-locality: Colombia, Restrepo. Distr. - same. Type of Hull.

vagans (Wiedemann), 1830:101 (Xylota). Type-locality: Brazil. Distr. — Panama, Guyana, Brazil (Pará). Type 9 VMNH.

americana Schiner, 1868:367 (Syritta). Type-locality: "South America". Type & VMNH*.

mexicana Bigot, 1884a:539 (Syritta). Type-locality: "Mexico". Type 3 BM(NH)*.

VALERIA (Hull), 1941e:282 (Planes). Type-locality: Brazil, São Paulo. Distr. — same. Type & Hull.

WILLISTONI (Shannon), 1926a:14 (Planes). Type-locality: Mexico, Sierra Madre, Chihuahua, about 7300 ft. Distr. — same. Type & USNM.

Genus Ceriogaster Williston

CERICGASTER Williston, 1888:285. Type-species, fascithorax Williston (mon.). Zonemyia Shannon, 1925a:109. Type-species, spinosa Shannon (orig. des.). ARETHUSA Hull, 1944j:42. Type-locality: Surinam, Paramaribo, Agricultural Station 'Wolfenbuttel'. Distr. - same. Type & CU*.

AUREOPILA Hull, 1941h:314. Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. — same. Type ? Hull.

FASCITHORAX Williston, 1888:286 (as foscithorax; emendation by Kertész, 1910:308; Curran, 1930f:10). Type-locality: Brazil, Mato Grosso: Corumbá & Rio de Janeiro. Distr. — same. Types & AMNH*. fuscithorax, Shannon, 1926a:50, misspelling. fosicithorax, Shannon, 1927a:6, misspelling.

- FUNEBRIS Hull, 1944b:11. Type-locality: Guyana, Essequibo River, Moraballi Creek. Distr. same. Type σ BM(NH).
- HINEI Thompson (nom. nov. for *transversa* Hine). Distr. Honduras. NOM. NOV.
 - transversa Hine, 1913:208 (Myiolepta; preocc. Walker, 1857). Typelocality: Honduras, Puerto Cortez. Type ♂ OhSU.
- LATITARSATA (Macquart), 1842:133 (73), pl. 14, fig. 1 (habitus), 1a (head) (Xylota). Type-locality: "?South America". Distr. same. Type & MNHN. N. COMB.
- PANAMENSIS Curran, 1930f:10. Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. same. Type & AMNH*.
- RUDIS Hull, 1944j:43. Type-locality: Panama, Changuinola Dist. Distr. same. Type & CU.
- SCUTELLATA Curran, 1934b:405. Type-locality: Guyana, Kartabo. Distr. same. Type & AMNH*.
- SPINOSA (Shannon), 1925a:109 (Zonemyia). Type-locality: Panama, Trinidad River. Distr. same. Type & USNM.
- TRANSVERSA (Walker), 1857:153 (Syritta). Type-locality: "Valley of Amazon". Distr. same. Type & BM(NH).

Genus Macrometopia Philippi

- MACROMETOPIA Philippi, 1865:740. Type-species, atra Philippi (mon.).
- ATRA Philippi, 1865:740. Type-locality: Chile, Corral. Distr. Chile (Santiago Bío Bío), Argentina (Neuquén). Type(s) ? MNHNS. Ref. Hull, 1949d:365, fig. 22i (head).

Genus Sterphus Philippi

- STERPHUS Philippi, 1865:737. Type-species, autumnalis Philippi (mon.) = coeruleus Rondani.
- Stherphus, Fluke, 1957:106, misspelling.

Subgenus Sterphus Philippi

- AURIFRONS Shannon, 1926a:46. Type-locality: Chile, Juan Fernández Islands. Distr. same. Type & BM(NH).
- COERULEUS (Rondani), 1863:8 (*Xylota*). Type-locality: "Chile". Distr. Chile, Argentina (Neuquén). Type & MIZUN. Ref. Shannon & Aubertin, 1933:155, fig. 33 (head).
 - autumnalis Philippi, 1865:782. Type-locality: Chile, Prov. Valdivia. Type(s) ? MNHNS.
 - antennalis Philippi, 1865:737, incorrect original spelling (1st revisor, Lynch Arribálzaga, 1892b:191).
 - aurifacies Schiner, 1868:360 (Xylota). Type-locality: "Chile". Types ? VMNH*. N. SYN.

Subgenus Crepidomyia Shannon

CREPIDOMYIA Shannon, 1926a:47 (as genus). Type-species, *tricrepis* Shannon (orig. des.).

- Tatuomyia Shannon, 1926a:48 (as genus). Type-species, batesi Shannon (orig. des.).
- Senoceria Hull, 1930:144 (as genus). Type-species, spinifemorata Hull (orig. des.) = coarctatus Wiedemann.
- Mutillimyia Hull, 1943b:139 (as genus). Type-species, Ceriogaster auricaudata Williston (orig. des.).
- Willistonimyia Hull, 1943b:140, incorrect original spelling of Mutillimyia Hull.
- Auricaudatus (Williston), 1892:73, pl. 2:10 (habitus), 10a (head) (Ceriogaster). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft. Distr.
 same. Types & P BM(NH)*. N. COMB.
- BATESI (Shannon), 1926a:48 (*Tatuomyia*). Type-locality: Brazil, Amazonas, Tefé (as Ega.) Distr. same. Type & BM(NH). N. COMB.
- CHLOROPYGA (Schiner), 1868:366 (Xylota). Type-locality: "Columbien". Distr. same. Types & VMNH*. N. COMB.
- COARCTATUS (Wiedemann), 1830:100 (*Xylota*). Type-locality: "Brazil". Distr.
 Panama, Brazil. Type \(\partial \) SMF*. N. COMB.
 - spinifemoratus Hull, 1930:146, figs. 2 (mesonotum), 5 (head), 6 (hind leg) (Senoceria). Type-locality: "Brazil". Type & ANSP*.
- CYBELE (Hull), 1951c:184 (*Crepidomyia*). Type-locality: Peru, Chanchamayo. Distr. Colombia, Peru. Tyype ? Hull*. N. COMB.
- GENUINUS (Williston), 1888:284 (Xylota). Type-locality: Brazil, Rio de Janeiro. Distr. Peru, Brazil, Argentina (Tucumán). Type ♀ AMNH*. Ref. Fluke, 1950b:449, fig. (male genitalia). N. COMB.
- PLAGIATUS (Wiedemann), 1830:98 (*Xylota*). Type-locality: "Brazil". Distr.
 Guyana, Peru, Brazil (Amapá, Amazonas). Type ? VMNH.
 N. COMB.
- TINCTUS (Fluke), 1950b:453, figs. 20 (head), 21 (wing) (*Crepidomyia*).

 Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. same. Type ? AMNH*. N. COMB.
- TRICREPIS (Shannon), 1926a:47 (Crepidomyia). Type-locality: Peru, Río Charape. Distr. Cuba, Peru, Bolivia. Type & USNM*. N. COMB.
 - darlingtoni Hull, 1944c:40 (Crepidomyia). Type-locality: Cuba, Eastern Oriente, Mounts north of Imias, 3-4000 ft. Type & MCZ*. N. SYN.
 - ?dion Hull, 1951c:183 (Crepidomyia). Type-locality: Peru, Chanchamayo. Type ♀ Hull*. N. SYN.

Genus Odyneromyia Shannon & Aubertin

- ODYNEROMYIA Shannon & Aubertin, 1933:156. Type-species, *Doros odyne-roides* Philippi (orig. des.).
- ODYNEROIDES (Philippi), 1865:747 (Doros?). Type-locality: Chile, Corral. Distr. Chile, Argentina (Neuquén). Type(s) ? MNHNS.
- valdiviformis Shannon & Aubertin, 1933:157. Type-locality: Argentina, Peulla. Type & USNM.

Genus Valdiviomyia Vockeroth, nom. nov.

- Valdivia Shannon, 1927a:31 (preocc. White, 1847; Ragonot, 1888). Type-species, darwini Shannon (orig. des.).
- Voldivia, Shannon, 1927a:32, incorrect original spelling [in combination of Voldivia darwini].

- VALDIVIOMYIA Vockeroth, nom. nov. for Valdivia Shannon. Type-species, Valdivia darwini Shannon (aut.). Ref. - Sedman, 1965 (key).
- CAMRASI (Sedman), 1965:199, figs. 5 (head), 6-8 (male genitalia) (Valdivia). Type-locality: Chile, Icalma. Distr. — same. Type & USNM. N. COMB.
- DARWINI (Shannon), 1927a:32 (Voldivia). Type-locality: Chile, Valdivia. Distr. — Chile (Bío Bío — Chiloé). Type & BM(NH). Ref. — Sedman, 1965:197 (description of male), figs. 1-2 (head), 3-4 (male genitalia). N. COMB.
- EDWARDSI (Shannon & Aubertin), 1933:150 (Valdivia). Type-locality: Argentina, Puerto Blest. Distr. — same. Type & BM(NH). N. COMB.
- NIGRA (Shannon), 1927a:32 (Valdivia). Type-locality: Chile, Santiago. Distr. — same. Type & USNM. N. COMB.
- RUFICAUDA (Shannon), 1927a:32 (Valdivia). Type-locality: Chile, Santiago. Distr. — same. Type ? USNM. N. COMB.
- VALDIVIANA (Philippi), 1865:748 (Ocyptamus?). Type-locality: Chile, Valdivia. Distr. — Chile. Types & P. MNHNS. N. COMB. albimanus Bigot, 1883b:325 (Ocyptamus). Type-locality: "Chile".
 - Type ♀ BM(NH)*. N. SYN.

Genus Aneriophora Stuardo & Cortés

- Eriophora Philippi, 1865:735 (preocc. Simon, 1864). Type-species, aureorufa Philippi (mon.).
- ANERIOPHORA Stuardo & Cortés, 1952:311 (nom nov. for Eriophora Philippi). Type-species, Eriophora aureorufa (Philippi) (aut.).
- AUREORUFA (Philippi), 1865:736, fig. 36 (habitus) (Eriophora). Type-locality: Chile, Valdivia Prov. Distr. — Chile (Malleco - Aysén). Types & MNHNS. Ref. — Hull, 1949d:365, figs. 22a (habitus, hind leg), 22b (antenna), 22c (head).

Genus Flukea Etcheverry

- FLUKEA Etcheverry, 1966:2. Type-species, vockerothi Etcheverry (orig.
- Fluckea Etcheverry, 1966:2, incorrect original spelling of Flukea.
- VOCKEROTHI Etcheverry, 1966:3, figs. 1-35 (all aspects). Type-locality: Chile, Chillán. Distr. — Chile (Nuble — Ausén). Type & UCSC.

Genus Criorhina Meigen

- Penthesilea Meigen, 1800:35. Type-species, Musca ruficauda De Geer (sub. mon., Bezzi, in Hendel, 1908:67; misid.) = ranunculi Panzer. Suppressed by I.C.Z.N., 1963:339.
- CRIORHINA Meigen, 1822:236. Type-species, Syrphus asilicus Fallén (Westwood, 1840:136).
- Eurhinomallota Bigot, 1882a:lxvii. Type-species, metallica Bigot (mon.). Romaleosyrphus Bigot, 1882a: cxxix. Type-species, villosus Bigot (mon.). N. SYN.
- ARCTOPHILOIDES (Giglio-Tos), 1892c:7 (Crioprora). Type-locality: Mexico, Angang[ueol]. Distr. — Mexico (Durango, Michoacán, Distrito Federal). Types ♂ ♀ UTOR*.

tapeta Fluke, 1939:369, fig. 7 (head). Type-locality: Mexico, Mexico City, 10,000 ft. Type σ AMNH*. N. SYN.

METALLICA (Bigot), 1882a:lxvii (Eurhinomallota). Type-locality: "Mexico".

Distr. — same. Type 9 OXF*.

VILLOSA (Bigot), 1882a:cxxix (Romaleosyrphus). Type-locality: Mexico. Distr. — same. Type ♂ BM(NH)*. N. COMB.

Genus Philippimyia Shannon

PHILIPPIMYIA Shannon, 1926a:47. Type-species, ?Sterphus cyanocephalus Philippi (orig. des.).

CYANOCEPHALA (Philippi), 1865:738 (Sterphus?). Type-locality: Chile, Santiago. Distr. — Chile (Valparaíso — Malleco). Type ? MNHNS.

Genus BLERA Billberg

BLERA Billberg, 1820:118. Type-species, Musca fallax Linnaeus (Johnson, 1911:73). Ref. — Curran, 1953:12 (key).

PALLIPES (Bigot), 1883b:352 (Spilomyia). Type-locality: "Mexico". Distr. same. Type 9 BM(NH)*. N. COMB.

Genus Syritta Lepeletier & Serville

SYRITTA Lepeletier & Serville, in Latreille, et al., 1828:808 (as a subgenus). Type-species, Musca pipiens Linnaeus (mon.).

Austrosyritta Marnef, 1967:268. Type-species, cortesi Marnef (orig. des.)

= flaviventris Macquart.

FLAVIVENTRIS Macquart, 1842:135 (75). Type-locality: "Senegal". Distr. -Africa, southern Europe; Chile, Argentina, Brazil. Type & MNHN*. cortesi Marnef, 1967:269, fig. b (4th sternum of male) (Austrosyritta). Type-locality: Chile, Valparaiso, Con-Con. Type & UCVC.

PIPIENS (Linnaeus), 1758:594 (Musca). Type-locality: "Europe". Distr. — Holarctic, Asia Minor, North Africa; Mexico (Durango, Chihuahua). Type ? ? Ref. — Williston, 1887b:240 (description); pl. 12:1 (wing), 1a (hind leg), 1b + c (head).

Genus Senogaster Macquart

SENOGASTER Macquart, 1834:519. Type-species, coerulescens Macquart (mon.) = dentipes Fabricius.

Acrochordonodes Bigot, 1878:xcii. Type-species, vittatus Bigot (mon.) = dentipes Fabricius.

Stenogaster, Agassiz, 1846:338, 351, emendation.

DENTIPES (Fabricius), 1787:338 (Syrphus). Type-locality: "Cajennae". Distr. - Surinam, Brazli. Type ? Kiel [destroyed, Zimsen, 1964:473]. Ref. — Williston, 1887b:239 (description), pl. 11:1 (habitus), 1a (wing), 1b (head); Hull, 1949d:366, figs. 23j (habitus), 23k (hind leg), 231 (abdomen), 23m (head).

lineata Fabricius, 1805;194 (Milesia). Type-locality: "America meridionali". Type ♀ MC*.

coerulescens Macquart, 1834:519. Type-locality: "Exotique". Type & OXF*.

- vittata Bigot, 1878:xcvii (Acrochordonodes). Type-locality: "Cayenne". Type ? OXF*.
- comstocki Williston, 1882b:326. Type-locality: U.S.A., New York [error]. Type σ USNM.
- var. Rufofemorata Doesburg, 1966:97. Type-locality: Surinam, Paramaribo & Houttuin. Distr. same. Types σ Q Doesburg.

Genus Tropidia Meigen

- TROPIDIA Meigen, 1822:346. Type-species, *Eristalis milesiformis* Fallén (Curtis, 1832:pl. 401) = scita Harris.
- Ortholophus Bigot, 1882a:cxxix. Type-species, notatus Bigot (mon.). Ref. Shannon & Aubertin, 1933:152 (key).
- FLAVIMANA Philippi, 1865:745. Type-locality: Chile, Santiago. Distr. Chile, Argentina (Mendoza). Type & MNHNS.
- INSULARIS Lynch Arribálzaga, 1892a:238 (1892c:94). Type-locality: Argentina, "Insula Antequera". Distr. same. Types & 9 MACN.
- NIGRICORNIS Philippi, 1865:745. Type-locality: Chile, Santiago. Distr. Chile. Type & MNHNS.
 - bivittata Bigot, 1884a:547 (Xylota). Type-locality: "Chile". Type \$\pi\$ BM(NH).
- NOTATA (Bigot), 1882a:cxxix (Ortholophus). Type-locality: "Chile". Distr. Chile, Argentina. Type & BM(NH)*.
- PULCHRA Hull, 1944j:52. Type-locality: Argentina, Mendoza, Potrerillos. Distr. same. Type & CU.
- RUBRICORNIS Philippi, 1865:744. Type-locality: Chile, Colchagua Prov. Distr. same. Type & MNHNS.

Genus Milesia Latreille

- MILESIA Latreille, 1804:194. Type-species, *Syrphus crabroniformis* Fabricius (Williston, 1887b:254) to preserve established usage. [see Thompson, 1972:176]. Ref. Hull, 1924 (key).
- BELLA Townsend, 1897e:142. Type-locality: U.S.A., New Mexico, Rio Ruidoso, 4 miles west of Dowling's Mill, 6600 ft. Distr. U.S.A. (Arizona, New Mexico); Mexico (Durango). Types & PM(NH).
- NIGRA Fluke, 1939:371, fig. 11 (abdomen). Type-locality: Panama, Chiriquí, El Volcán. Distr. same. Type & AMNH*.
- PULCHRA Williston, 1892:74, pl. 2:11 (habitus), 11a (head). Type-locality: Guatemala, Purula; Vera Paz, Senahú. Distr. same. Types & BM(NH).
- SCUTELLATA Hull, 1924:280. Type-locality: U.S.A., Mississippi, Mississippi Agricultural & Mechanical College. Distr. U.S.A. (Louisana to North Carolina, south to Florida); Panama (Canal Zone). Type & Hull.
- VIRGINIENSIS (Drury), 1773:71, pl. 37, fig. 6 & index, p. 2 (Musca). Typelocality: U.S.A., Virginia. Distr. U.S.A. (Minnesota) to Canada (Ontario), south to U.S.A. (Texas & Florida); Mexico (Nuevo León), ?Guadeloupe [Macquart, 1842:141 (81)]. Type??

Genus Spilomyia Meigen

- SPILOMYIA Meigen, 1803:273. Type-species, Musca diophthalma Linnaeus (Coquillett, 1910b:617). Ref. Curran, 1951 (key).
- EPHIPPIUM (Osten-Sacken), 1875:70 (*Mixtemyia*). Type-locality: "Mexico". Distr. same. Type & MCZ*. Ref. Williston, 1887b:249 (redescription).
- GRATIOSA Wulp, 1888:372. Type-locality: Argentina, Tucumán Prov. Distr.
 Brazil (São Paulo), Argentina (Tucumán). Type 9 lost?
- KAHLI Snow, 1895b:245. Type-locality: U.S.A., New Mexico, Magdalena Range, "near summit of 'Little Baldy'". Distr. U.S.A. (Arizona, Texas, New Mexico); Mexico (Chihuahua). Type & UK [Byers, et al., 1962:168].
- LONGICORNIS Loew, 1872a:82 (1872b:258). Type-locality: U.S.A., Massachusetts, Pennsylvania, Texas. Distr. Canada (Quebec) west to U.S.A. (Minnesota, south to Texas & Florida); Mexico [Wirth, $et\ al.$, 1965:613]. Types of 9 MCZ*.
- OBSCURA Coquillett, 1902:195. Type-locality: Mexico, Chihuahua, Sierra Madre, Head of Río Piedras Verdes, 7300 ft. Distr. same. Types ♂♀ USNM.
- PLEURALIS Williston, 1887b:247. Type-locality: "Mexico". Distr. same. Type & MCZ*.

Genus Stilbosoma Philippi

- STILBOSOMA Philippi, 1865:736. Type-species, *rubiceps* Philippi (Shannon, 1926a:45).
- CYANEUM Philippi, 1865:736. Type-locality: Chile, Santiago & Valdivia Provs. Distr. — Chile (Santiago — Aysén), Argentina (Neuquén). Types ? MNHNS. Ref. — Shannon & Aubertin, 1933:154, figs. 31 (head), 32 (wing).
 - nigrinervis Philippi, 1865:737. Type-locality: Chile, Valdivia Prov. Type ? MNHNS.
 - nigricorne, Williston, 1886:322, misspelling.
- RUBICEPS Philippi, 1865:738. Type-locality: Chile, Santiago. Distr. Chile (Santiago Cautin). Type? MNHNS. ruficeps, Williston, 1886:322, misspelling.

Genus Hemixylota Shannon & Aubertin

- HEMIXYLOTA Shannon & Aubertin, 1933:146. Type-species, varipes Shannon & Aubertin (orig. des.). Ref. Shannon & Aubertin, 1933: 146 (key).
- INCERTA Shannon & Aubertin, 1933:148. Type-locality: Argentina, Lake Nahuel Huapí, Puerto Blest. Distr. same. Type & BM(NH).
- UNICOLOR Shannon & Aubertin, 1933:148. Type-locality: Argentina, Ensenada. Distr. Chile (Malleco), Argentina (Neuquén). Type $\,^{\circ}$ BM(NH).
- VARIPES Shannon & Aubertin, 1933:146, fig. 30 (head). Type-locality: Argentina, Puerto Blest. Distr. Argentina (Neuquén). Type & BM(NH)

Unplaced species of XYLOTINI

MONTENSIS Hull, 1938:122, figs. 1 (head), 12 (antenna) (Nosodepus). Type-locality: Venezuela, Aragua, Colonia Tovar, 6000-7000 ft. Distr. — same. Type $\,^\circ$ CM.

UNRECOGNIZED NEOTROPICAL SYRPIDAE

Genus Pia Philippi

PIA Philippi, 1865:742. Type-species, cyanea Philippi (mon.).

CYANEA Philippi, 1865:742, fig. 40 (habitus), 40a (head). Type-locality: Chile, Illapel. Type & MNHNS (lost?-FCT).

UNRECOGNIZED SPECIES

CHIRAGRA Fabricius, 1805:198 (Merodon). Type-locality: "America meridionali". Type ? lost (Zimsen, 1964:474).

CYANESCENS Macquart, 1834:511 (Helophilus). Type-locality: "Brazil". Type ? MNHN (not found — JRV).

FLAVA Sack, 1941:117 (Ceratophya). Type-locality: Peru, Rosalina on Río Urubamba. Type $\,^\circ$ MD.

GAGATHINA Bigot, 1887: lxxix (Priomerus). Type-locality: Ecuador, Loja. Type \circ ? (not found at either OXF or BM(NH) — JRV & FCT).

NUBECULOSUS Wulp, 1888:372 (Pterallastes). Type-locality: Argentina, Prov. Tucumán. Type ${}^{\circ}$ lost?

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shannoni (Lane & Carrera), 1943 (Cerioides), Sphiximorpha	46.94
shannoni Thompson, Copestylum	46.84
shorae Fluke, 1950, Syrphus	46.8
shropshirei (Curran), 1930 (Baccha), Ocyptamus	46.27
sica (Curran), 1953 (Volucella), Copestylum	46.84
sica (Curran), 1953 (Volucella), Copestylumsignifera (Loew), 1853 (Ceria), Sphiximorpha	46.94
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silaceus (Austen), 1893 (Baccha), Ocyptamus	46.27
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similis Blanchard, 1852, Syrphus	46.8
similis Curran, 1925, Allograpta	46.37
similis Macquart, 1842, Helophilus	46.96
similis (Williston), 1888 (Lepidostola), Lepidomyia	46.89
similima (Vimmer & Soukup), 1938 (Syrphus), Scaeva	46.9
simillimus Hull, 1950, Microdon	46.62
simonetta Hull, 1946, Quichuana	46.99
simplex (Loew), 1861 (Syrphus), Xanthandrus	46.45
	46.113
simplex (Schiner), 1868 (Plagiocera), Meromacrus	46.27
simulatus (Curran), 1939 (Baccha), Ocyptamus	46.55
skinneri (Johnson), 1903 (Chilosia), Chamaesyrphus	46.69
skittlebengi Enderlein 1040 Allegrants	46.35
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smarti (Curran), 1939 (Baccha), Ocyptamus	46.27
smarti (Curran), 1941 (Planes), Neplas	46.115
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smithi (Goot), 1964 (Syrphus), Xanthandrus	46.45
smithi Williston, 1892, Mallota	46.100
sodomis (Townsend), 1895 (Volucella), Copestylum	46.78
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solitarius Curran, 1930, Microdon	46.66
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soulouguensis (Bigot), 1880 (Eristalis), Palpada	46.110
spatulatus (Giglio-Tos), 1892 (Baccha), Ocyptamus	46.27

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strigulus Hull, 1942, Meromacrus	46.113
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Tapetomyia Fluke, 1939	46.88
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tatei (Curran), 1930 (Volucella), Copestylum	46.85
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timbertalisi (Common) doco (TT 1)	
timberlakei (Curran), 1926 (Vollucella), Copestylum	46.85
tinctus (Fluke), 1950 (Crepidomyia), Sterphus	46.117
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titania (Hull), 1943 (Baccha), Ocyptamus	46.28
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tricinctus (Wulp), 1888 (Baccha), Ocyptamus	46.94
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tricrepis (Shannon), 1926 (Crepidomyia), Sterphus	46.117
tridentatus (Rondani), 1868 (Syrphus), Toxomerus	46.55
trifasciata Enderlein, 1938, Allograpta	46.38
trifasciata (Macquart), 1842 (Eristalis), Palpada	46.103
trifasciata (Say), 1830 (Eristalis), Palpada	46.110
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trigonum (Giglio_Tos), 1892 (Volucella), Copestylum	46.85
trigonus (Hull), 1937 (Hypselosyrphus), Microdon	46.62
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trilimbata (Bigot), 1888 (Sphaerophoria), Allograpta	46.38
trilimbata (Giglio-Tos), 1892 (Eristalis), Palpada	46.110
trilinea Hull, 1943, Microdon	46.67
trilineata (Hull), 1941 (Lepidostola), Lepidomyia	46.89
trilineatus (Enderlein), 1938 (Mesogramma), Toxomerus	46.55
trilobatus (Bigot), 1884 (Mesograpta?), Toxomerus	46.55
trilobus (Hull), 1944 (Baccha), Ocyptamus	46.28
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Triodonta Williston, 1885	46.96
tripunctatum (Hull), 1949 (Volucella), Copestylum	46.85
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triste (Bigot), 1875 (Volucella), Copestylum	46.85
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trivittatus Curran, 1925, Microdon	46.67
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Tropidia Meigen, 1822	46.120
Tuberculanostoma Fluke, 1943	46.45
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tuberculatus Rondani, 1857, Eumerus	46.92
Tubifera Meigen, 1800	46.101
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tumicephalum (Hull), 1943 (Volucella), Copestylum	46.85
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Ubristes Walker, 1852	46.61
uleana (Enderlein), 1938 (Pipiza), Trichopsomyia	46.68
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ulrica (Hull), 1950 (Volucella), Copestylum	46.86
ultimus (Hull), 1951 (Mesogramma), Toxomerus	46.55
una (Hull), 1943 (Mesogramma), Toxomerus	46.55
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undecimpunctatus (Enderlein), 1938 (Mitrosphen), Toxomerus	46.55
unicolor (Curran), 1925 (Volucella), Copestylum	46.86
unicolor Shannon & Aubertin, 1933, Hemixylota	46.121
unicolor (Walker), 1837 (Syrphus), Carposcalis	46.41
unicolor (Wulp), 1883 (Eristalis), Meromacrus	46.113
unilectum (Walker), 1860 (Temnocera), Copestylum	46.113
unimectum (Warker), 1000 (Temnocera), Copestylum	46.93
unimaculata Townsend, 1897, Nausigaster	46.86
unipunctatum (Curran), 1926 (Volucella), Copestylum	
urania (Hull), 1949 (Baccha), Ocyptamus	46.29
urania Hull, 1949, Salpingogaster	46.32
urania Hull, 1949, Trichopsomyia	46.68
uranius (Hull), 1951 (Mesogramma), Toxomerus	46.56
urotaenia (Curran), 1930 (Eristalis), Palpada	46.110
ursula (Hull), 1947 (Baccha), Ocyptamus	46.29
ursula Hull, 1949, Quichuana	46.99
uvarum (Walker), 1849 (Eristalis), Palpada	46.110
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vacum (Fabricius), 1775 (Syrphus), Copestylum	46.86
vagabondans (Hull), 1941 (Planes), Neplas	46.115
vagans (Wiedemann), 1830 (Xylota), Neplas	46.115
vagoides (Curran), 1927 (Volucella), Copestylum	46.86
vagum (Wiedemann), 1830 (Volucella), Copestylum	46.86
valdesi (Fluke), 1950 (Mesogramma), Toxomerus	46.56
Valdivia Shannon, 1927	46.117
voldiviana (Philippi), 1865 (Baccha), Ocyptamus	46.15
valdiviana (Philippi), 1865 (Ocyptamus), Valdiviomyia	46.118
valdiviformis Shannon & Aubertin, 1933, Odyneromyia	46.117
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valeria (Hull), 1941 (Planes), Neplas	46.115
valeria (Hull), 1944 (Volucella), Copestylum	46.86
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vampyrus (Hull), 1943 (Baccha), Ocyptamus	46.29
vanda (Hull), 1943 (Baccha), Ocyptamus	46.29

vanessa (Hull), 1949 (Baccha), Ocyptamus	46.29
vanessa (Hull), 1951 (Mesogramma), Toxomerus	46.56
vanzolinii d'Andretta & Carrera, 1952, Nausigaster	46.93
varia (Walker), 1849 (Baccha), Pseudodoros	46.11
variabilis (Kertész), 1903 (Ceria), Sphiximorpha	
variabilis (Nettes2), 1909 (Certa), Sprixmorpha	46.94
variabilis (Wulp), 1883 (Mesograpta), Toxomerus	46.48
varians (Bigot), 1875 (Volucella), Copestylum	46.86
varichaetum (Curran), 1925 (Phalacromyia), Copestylum	46.86
variegatum (Bigot), 1875 (Volucella), Copestylum	46.86
variegatus (Macquart), 1842 (Baccha), Ocyptamus	46.29
varipes Shannon & Aubertin, 1933, Hemixylota	
varipes Shamon & Aubertin, 1955, Hemixylota	46.121
vatius (Walker), 1852 (Syrphus), Toxomerus	46.56
ventana (Fluke), 1951 (Volucella), Copestylum	46.86
venusta Curran, 1927, Allograpta	46.38
vera (Hull), 1942 (Volucella), Copestylum	46.86
vera (Hull), 1943 (Baccha), Ocyptamus	46.29
vera Hull, 1944, Salpingogaster	46.32
	46.110
vera (Hull), 1949 (Eristalis), Palpada	
verdigaster (Hull), 1943 (Volucella), Copestylum	46.86
verona (Curran), 1941 (Baccha), Ocyptamus	46.29
verralli (Williston), 1892 (Ceria), Monoceromyia	46.94
vertebratus Rondani, 1863 (Syrphus)	46.40
verticalis (Curran), 1927 (Mesogramma), Toxomerus	46.56
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vesiculosum (Fabricius), 1805 (Syrphus), Copestylum	46.80
vespuccius (Hull), 1943 (Baccha), Ocyptamus	46.29
veve (Hull), 1942 (Mesogramma), Toxomerus	46.56
vicina (Kertész), 1902 (Ceria), Sphiximorpha	46.94
vicinum (Bigot), 1883 (Phalacromyia), Copestylum	46.86
vicinus (Macquart), 1846 (Syrphus), Toxomerus	46.56
victoria (Hull), 1942 (Baccha), Ocyptamus	46.29
vierecki (Curran), 1930 (Baccha), Ocyptamus	46.29
vierecki (Curran), 1930 (Eristalis), Palpada	46.110
vierecki (Curran), 1930 (Mesogramma), Toxomerus	46.56
vierecki (Curran), 1925 (Volucella), Copestylum	46.86
Viereckomyia Curran, 1925	46.70
villarica (Fluke), 1951 (Volucella), Copestylum	46.86
villosa (Bigot), 1882 (Romaleosyrphus), Criorhina	46.119
villosus Hull, 1949, Meromacrus	46.113
vinetorum (Fabricius), 1798 (Syrphus), Palpada	46.110
	46.86
viola (Hull), 1944 (Volucella), Copestylum	
violacea (Macquart), 1842 (Volucella), Ornidia	46.70
violaceum (Say), 1830 (Volucella), Copestylum	46.79
violaceum (Curran), 1930 (Megametopon), Copestylum	46.74
violaceus (Curran), 1926 (Mesogramma), Toxomerus	46.56
violaceus (Hull), 1943 (Baccha), Ocyptamus	46.29
violaceus (Macquart), 1842 (Aphritis), Microdon	46.67
	46.67
violens Townsend, 1895, Microdon	
virescens (Williston), 1891 (Phalacromyia), Copestylum	46.86
virga (Fluke), 1942 (Epistrophe), Ocyptamus	46.29
virgata Austen, 1893, Salpingogaster	46.32
virgilio (Hull), 1942 (Baccha), Ocyptamus	46.29
virginiensis (Drury), 1773 (Musca), Milesia	46.120
virginio (Hull), 1941 (Baccha), Ocyptamus	46.29
virgo Curran, 1940, Microdon	46.67
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virgulatus (Macquart), 1850 (Syrphus), Toxomerus	46.56
viridana (Townsend), 1897 (Volucella), Copestylum	46.86
viride (Williston), 1888 (Volucella), Copestylum	46.87
viridigaster (Hull), 1943 (Volucella), Copestylum	46.87
viridis Townsend, 1895, Microdon	46.67
viridula (Bigot), 1875 (Volucella), Copestylum	46.86
viridula (Walker), 1860 (Temnocera), Copestylum	46.87
virtuosa (Hull), 1942 (Volucella), Copestylum	46.87
vitrea (Huli), 1949 (Volucella), Copestylum	46.87
vitrescens (Hull), 1930 (Mesogramma), Toxomerus	46.56
vitreus (Hull), 1941 (Mesogramma), Toxomerus	46.56
vitripenne (Curran), 1934 (Volucella), Copestylum	46.87
vitripennis Meigen, 1822, Syrphus	46.8
vittata (Bigot), 1878 (Acrochordonodes), Senogaster	46.120
vittata (Hull), 1937 (Meromacrus), Habromyia	46.101
vittatum Thompson, Copestylum	46.87
vittifacium (Hull), 1943 (Volucella), Copestylum	46.87
vittiger (Hull), 1949 (Baccha), Ocyptamus	46.30
vittipes (Curran), 1941 (Cerioides), Monoceromyia	46.94
vittithorax (Hull), 1937 (Braziliana), Rhyops	46.43
vockerothi Etcheverry, 1966, Flukea	46.118
volatica (Williston), 1888 (Eristalis), Palpada	46.107
volcanus (Fluke), 1942 (Epistrophe), Ocyptamus	46.30
Voldivia Shannon, 1927	46.117
Volosyrpha Shannon, 1929	46.70
Volucellini	46.69
volucelloides (Bigot), 1884 (Glaurotricha), Copestylum	46.87
Volucellosia Curran, 1930	46.70
volucre (Giglio-Tos), 1892 (Volucella), Copestylum	46.87
volucris Osten Sacken, 1877, Eupeodes	46.9
vulcan (Hull), 1942 (Volucella), Copestylum	46.87
vulpina Sack, 1941, Mallota	46.100
vulta (Fluke), 1951 (Volucella), Copestylum	46.87
vulta (Fluke), 1951 (Volucella), Copestylum	46.56
vulturus (Hull), 1942 (Mesogramma), Toxomerusvulturella (Hull), 1947 (Lepidostola), Lepidomyia	46.89
vulturella (Hull), 1947 (Lepidostola), Lepidollyla	40.05
walkeri (Lynch Arribálzaga), 1892 (Syrphus), Carposcalis	46.41
wateri (Lynch Afribaizaga), 1692 (Syrphus), Carposcans	46.56
watsoni (Curran), 1930 (Mesogramma), Toxomerus	
watsoni (Curran), 1930 (Volucella), Copestylum	46.82
wheeleri Mann, 1928, Microdon	46.62
wiedemanni Enderlein, 1938, Ocyptamus	46.30
wiedemanni (Johnson), 1919 (Syrphus), Metasyrphus	46.9
wilhelmina (Doesburg), 1963 (Baccha), Ocyptamus	46.30
willinki (Fluke), 1951 (Volucella), Copestylum	46.87
willistoni Coquillett, 1902, Lycastrirhyncha	46.102
willistoni Fluke, 1942, Syrphus	46.8
willistoni (Giglio-Tos), 1893 (Sphaerophoria), Allograpta	46.38
willistoni (Goot), 1964 (Heliophilus), Xylota	46.114
willistoni Hull, 1949, Cacoceria	46.91
willistoni Mik, 1899, Microdon	46.67
willistoni (Shannon), 1926 (Planes), Neplas	46.115
willistoni (Snow), 1895 (Pelecocera), Chamaesyrphus	46.69
willistoni Thompson, Ocyptamus	46.30
willistoni (Townsend), 1895 (Eristalis), Palpada	46.103
willistonii (Lynch Arribálzaga), 1892 (Mesogramma), Toxomerus	46.56

Willistonimyia Hull, 1943	46.117
wulpianus (Lynch Arribálzaga), 1891 (Baccha), Ocyptamus	46.30
wulpi (Goot), 1964 (Volucella), Copestylum	46.87
wulpii (Williston), 1888 (Ceria), Sphiximorpha	46.94
Xanthandrus Verrall, 1901	46.44
xanthaspis (Wiedemann), 1830 (Eristalis), Palpada	46.105
xanthoprosopus (Barretto & Lane), 1947 (Rhoga), Microdon	46.60
xanthopterus (Wiedemann), 1830 (Syrphus), Ocyptamus	46.30
xantippe (Hull), 1949 (Baccha), Ocyptamus	46.30
Xestoprosopa Hull, 1949	46.46
xipe (Hull), 1942 (Volucella), Copestylum	46.87
Xylota Meigen, 1822	46.113
xylotaeformis (Schiner), 1868 (Mallota), Habromyia	46.101
Xylotaeja Rondani, 1845	46.89
yura (Curran), 1930 (Volucella), Copestylum	46.87
zabulon (Hull), 1949 (Baccha), Ocyptamus	46.30
Zelima Meigen, 1800	46.113
zenia (Curran), 1941 (Baccha), Ocyptamus	46.30
zenilla (Hull), 1943 (Baccha), Leucopodella	46.47
zenillia (Curran), 1941 (Baccha), Ocyptamus	46.30
zephyra (Curran), 1939 (Volucella) Copestylum	46.87
zephyreus (Hull), 1947 (Baccha), Ocyptamus	46.30
zerene (Hull), 1949 (Baccha), Ocyptamus	46.30
zeteki (Curran), 1930 (Baccha), Ocyptamus	46.30
zilla (Hull), 1943 (Baccha), Ocyptamus	46.30
zinnia (Hull), 1943 (Baccha), Ocyptamus	46.30
zita (Curran), 1941 (Baccha), Ocyptamus	46.30
zobeide (Hull), 1943 (Baccha), Ocyptamus	46.31
zonatus (Loew), 1866 (Pteroptila), Meromacrus	46.113
Zonemyia Shannon, 1925	46.115
zoroaster (Hull), 1943 (Baccha), Ocyptamus	46.31

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